

DRUG & CHEMICAL MARKETS

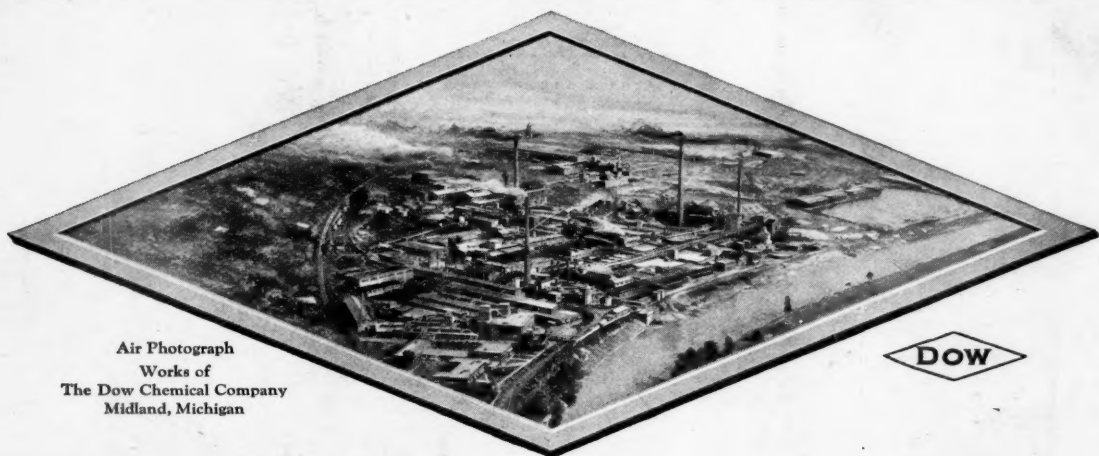
Established 1914

A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

VOL. XV

NEW YORK, NOVEMBER 19, 1924

No. 21



Air Photograph
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The Dow Chemical Company
Midland, Michigan

Meeting the Chemical Needs of Expanding Industry

It is not enough that we should just take and fill orders for the day to day requirements of our regular customers.

Industry is growing—and changing—always. Each year brings new chemical problems.

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Branch Sales Offices: 90 West Street, New York City

Second and Madison Streets, Saint Louis

In This Issue { *October Dye Imports Heaviest of Year*
Cash Discounts: Pro and Con

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or
Coumarin-Monsanto?

(THE ORIGINAL
AMERICAN COUMARIN)

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or Are You Getting the Best?**

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St. Louis, U.S.A.

NEW YORK

CHICAGO

ANILLIN - Monsanto COUMARIN - Monsanto
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Pharmaceutical Division

National Aniline & Chemical Co., Inc.

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DRUG & CHEMICAL MARKETS

Published Every Wednesday by

DRUG & CHEMICAL MARKETS, INC.

Williams Haynes, President

Ira P. MacNair, Secretary

F. F. Burgin, Treasurer

Publication Office

3 PARK PLACE, NEW YORK, U. S. A.

Telephone 0440 Barclay

Cable Chemmark

Entered as second-class matter, Dec. 7, 1914, at the post office at
New York, N. Y., under the Act of March 3, 1879.

SUBSCRIPTION RATES

United States, Cuba and Mexico, \$4.00 a year; Foreign \$5.00 a
year, payable in advance. Current Copies, 10 cents. Back Copies,
25 cents. A Binder for this Journal @ \$1.00 Postpaid.

VOL. XV

No. 21

The Week in Brief

News

Price maintenance is to be brought up soon after Congress convenes. The Committee on Interstate and Foreign Commerce will be asked to grant hearings and a bill will be prepared for introduction at the Special Session which probably will be called in the Spring.

The National Wholesale Druggists' Association has issued a call to members requesting that they write, telegraph or call upon the senators from their State and seek their co-operation in returning the Cramton bill to the Judiciary Committee for public hearings. The Chicago Perfumery, Soap and Extract Association has taken similar action.

Markets

With announcement of contract prices in alkalis and bleaches for 1925, business in these products is opening up. Industrial chemicals are beginning to move in larger volume. Prices are firmer though actual changes are few.

Demand for dyes and intermediates is reported improving. Prices are maintaining a steady tone though firmer. Ortho-nitrotoluol and ortho-toluidine are strong owing to increasing demand. Pyridine is easier on slow demand.

Linseed oil advanced 5 cents per gallon during the week following sharp rises in the seed market. Crude cottonseed oil has advanced. Palm, olive and coconut oils are firm at the higher levels. Tallow continues strong. Fish oil is higher.

Fine chemicals are in steady demand. Codliver oil has been advanced again. Menthol is in keen competition. Potassium permanganate is higher. Quicksilver is firm on spot. Citric and tartaric acids are firmer for shipment than on spot.

Essential oils have registered new highs during the week. Oil lavender is scarce. Oil peppermint again is higher. Oil cedar wood higher at 80c lb. Oil anise quoted at 55c lb .c.i.f. New York.

Crude drugs have been in demand during the week, especially ergot, lycopodium, manna, and Mexican sarsaparilla root. Amber sorts are higher.

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Commonwealth Chemical Corporation

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Acetone, C. P.

Acetone
(Methyl)

Methanol
(All grades)

Denatured Alcohol
(All formulas)

Formaldehyde

Hexamethylene Tetramine

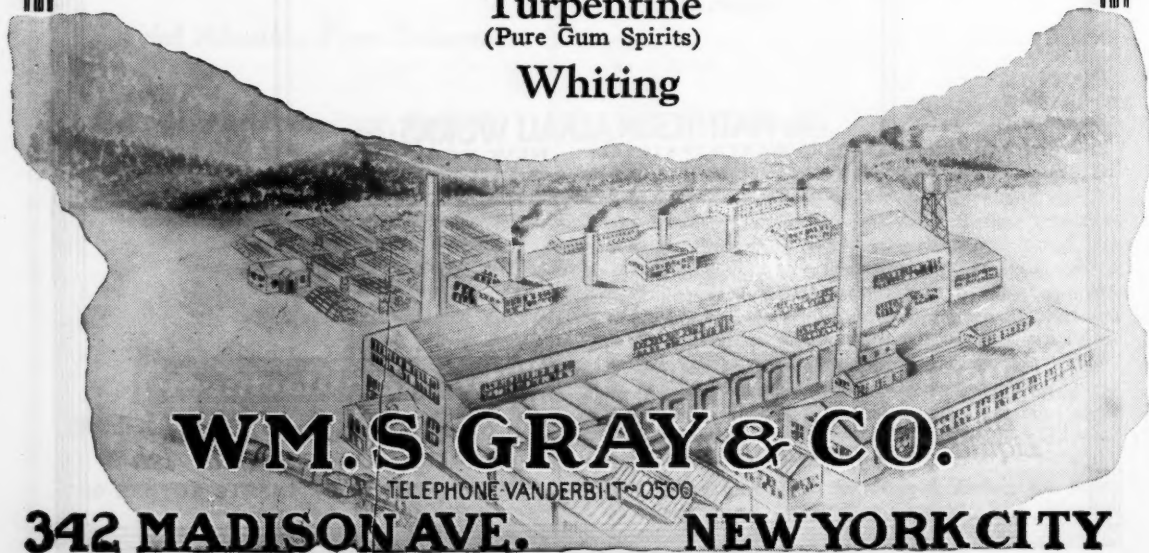
Magnesia

Para Formaldehyde

Phenol

Turpentine
(Pure Gum Spirits)

Whiting



342 MADISON AVE.

NEW YORK CITY

DRUG & CHEMICAL MARKETS

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NEW YORK, NOVEMBER 19, 1924

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A BUNDLE OF STICKS

When a member of the Dye Cartel offers for sale in Germany at thirty-seven cents a dye sold there for sixty-two cents before the war we can safely draw one of two conclusions.

Either the pre-war profit was enormous, or present costs have been materially reduced.

The announcement of the lower price carried with it an explanation; but that might have well been a bit of trade strategy, so let us make a few logical deductions of our own. As it was a domestic price, there could have been no thought of shutting out foreign competition: and since it was from a strong member of the Cartel on a dye controlled by them it could not have been a competitive reduction. We are pretty safe then in assuming that the lower price was not forced upon the maker by competition. Now the Cartel is not a philanthropic organization, and their good work for the German army and the German textile interests has always been profitable as well as patriotic. The German Government is hardly in a position to subsidize a dye maker for the benefit of the cotton spinners. Moreover, their help to both these parties has not, in the past, taken such indirect form; accordingly, we may feel fairly certain there was no subsidy in the lower price. Before the war the Cartel was not so close knit as now: it had less control over intermediates: it did not so rigidly allocate sales. There was more real competition and this, plus the well known German policy of selling dyes (in Germany especially) at a reasonable price after research costs had been paid for by the consumer, make it appear that the old pre-war price of sixty-two cents was reasonable enough.

So it is logical for us to conclude that the present lower price is the result of lower cost of manufacture.

And this was the reason assigned for the reduction. We can more readily believe that this is an honest reason, for it was so boastfully made. The Cartel is given full credit. Raw materials, produced in vast quantities at plants devoted exclusively to intermediate manufacture, are cheaper. The combined knowledge and skill of the Cartel members uses only the most economical process with the best yields. Pooling of research costs has reduced overhead. The elimination of wasteful competition has effected savings. All these benefits are passed on to the consumer—and never a word about lower labor costs which must have also been a factor.

And in the mean time American dye makers are competing at once for raw materials and for customers. They are duplicating effort and over-producing. They are multiplying costs and cutting

prices. Is there no wise man versed in the classics who will bring them together and tell them the parable of the bundle of sticks and translate into simple business English the Latin motto on the Great Seal of the United States of America?

URGE NEW PRICE MAINTENANCE BILL

The war on predatory price cutters is to be renewed by leading advocates of price protection who met recently in Washington and formed plans for legislation to check the reckless sacrifice of branded goods by retailers who use them as leaders in cut-price sales, staged for the purpose of getting rid of cheap goods at high prices. Efforts to pass the Kelly-Stephens bill at the last session failed because of the insurgent or progressive faction, which obstructed the legislative program, but the bloc no longer holds the balance of power and by hard fighting it will be possible at the special session, which will probably be called in the Spring, to enact a price protection bill.

Manufacturers realize the losses suffered when well known goods are offered as bait to push inferior merchandise. They spend hundreds of thousands in advertising and by producing an effective remedy or high-class product build up a goodwill which the courts recognize as a valuable asset. The cut price store then upsets values by selling at rates which give the public a wrong impression of the goods, either causing suspicion of the quality or giving the impression that the manufacturer's profits are unreasonably large. His regular customers in the same city or town, who hold to the manufacturer's price find their trade slipping away and their orders for the article grow smaller as the community satisfies its wants at the cut-rate store. Several price maintenance bills were introduced in Congress last Winter, but the manufacturers and wholesalers failed to unite on any special measure.

The National Wholesale Druggists' Association proposes that members urge Congressmen to arrange for hearings before the House Committee on Interstate and Foreign Commerce that the whole subject may be thoroughly thrashed out and a carefully considered price protection bill prepared for presentation in the House. Each member is requested to call upon his Congressman in person before he leaves for Washington and obtain his co-operation.

THE TANGLED NARCOTIC WEB

At Geneva two distinct, but closely interwoven problems are before the Opium Conference. The one deals with opium smoking in the Orient: the other with narcotic addiction in Europe and Amer-

ica. One centers about the supply of a native agricultural product, widely grown and easily transported. The other about a highly refined scientific medicinal preparation manufactured in comparatively few plants, but of a small bulk and high potency that makes its illicit transportation dangerously easy.

Wisely, the American delegation focuses its interest and efforts on the traffic in narcotic derivatives of opium gum and coca leaves. But the two problems are not to be separated, and the political and financial complications are tremendous. The attitude of some delegates towards American proposals is tinged with a natural suspicion which is aptly expressed by the "London Times":

"When Mr. Porter and his colleagues meet the representatives of India, China, Persia and other producing countries they will assuredly find that the opium habit is so deeply ingrained in millions of orientals that it can at best be suppressed only by degrees and that so long as the demand continues the interests of producing countries have at least to be considered."

The Japanese break Sunday shows how firmly nationalistic views are held: but it is still to be hoped that tangible results may be accomplished.

THE GERMAN PATENTS SUIT

The extraordinary contradiction of the United States Government suing to recover German patents while the present Administration is accepting licenses from the Chemical Foundation for the use of seized and confiscated patents was brought out at the Philadelphia hearing of the Government's appeal from the decision of Judge Morris of the lower court whose sweeping opinion robbed the United States Attorney General of all standing in the District Court at Wilmington where the case was tried, last year. It is difficult to understand how the Circuit Court can render a different opinion. The case of the Government when presented at Wilmington, completely collapsed before the Chemical Foundation had presented more than a small part of its evidence. At one point in the proceedings the acting attorney general withdrew the most serious charges made in the original complaint.

It is not a daring or startling declaration that the attorney for the Chemical Foundation made in his argument at Philadelphia last week, when he said "if the criminal code was violated, as charged by the Government, in the sale of the patents, President Wilson, A. Mitchell Palmer, former attorney general, and Frank L. Polk, counsellor of the State Department, ought to have gone to jail as 'criminals and felons.'" It was statements of this general nature made in the Government complaint, and not backed by evidence, that discredited the case at the trial before Judge Morris. Had the Attorney General of the United States been able to prove that the criminal code was violated in the sale of the German patents, it was his duty to bring a criminal action, but five years have elapsed and the Department of Justice has made no move in this direction.

One reading the arguments presented by the Government attorneys will fail to find any new

issue, or any more explicit charges than were made at the hearing at Wilmington. Judge Morris in his decision at that time dismissing the Government complaint said:

"Notwithstanding the generality of the allegations, and the unlimited opportunity accorded the plaintiff to support them by evidence, the charges of deception and conspiracy have failed utterly."

With another decision against the Government, the Department of Justice should be satisfied that President Wilson had the power under the Trading-With-the-Enemy Act to make any sale he desired, and could sell to anyone at any price, provided the transaction was for the public good. The charge has been made that the suit was authorized after a delegation representing German owners of the patents had presented a plea to the authorities in Washington claiming that the patents were worth several millions to the owners. It will be recalled that a majority of the processes were found unworkable as filed for patent in this country, owing to the insertion of ingredients to mislead anyone attempting to use them. The act of confiscation was a war measure and the patents were sold to the Chemical Foundation to upbuild an American dye industry in order to protect the country against further aggressions by the German Dye Cartel.

Ten Years Ago

From the Nov. 18, 1914, issue of "Drug & Chemical Markets":

Laden with 3,500 tons of dyestuffs, the Ward Liner Matanzas arrived at this port on Sunday last, nearly a week delayed on her return trip from Rotterdam. It is estimated that the total value of the cargo exceeded a million dollars. The American Sun is homeward bound from Rotterdam with 8,000 tons of drugs and chemicals.

Carbolic acid at 52c@55c a pound has reached a new high figure in this market. It is estimated that since Aug. 1 about 200 tons of carbolic acid have been imported, nearly all from England.

Reports have reached New York of the formation of a company in London to manufacture dyestuffs on a large scale, the output to go chiefly to the United States.

Mitsui & Co. announce a new and lower price on Japanese refined camphor of 44c@45c a pound.

The first batch of the enormous orders placed with American manufacturers for cotton gauze, absorbent cotton, bandages and similar articles by the warring nations has been shipped. For more than three months factories making first aid kits and hospital supplies have been running day and night.

Great Britain is said to be buying sodium salicylate and salicylic acid heavily acting for France in most cases.

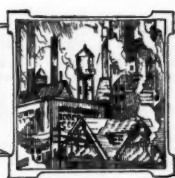
Huge stocks of opium in London and relatively large quantities here have accounted for the low prices of \$9.25 even after announcement that Turkey had joined sides with Germany in the war.

Car loadings reported for the week ending Nov. 1, reached a total of 1,073,430, and were higher than for any corresponding week in recent years. They were 38,915 less than the week of Oct. 25. These movements represent pre-election shipments.



Industrial Chemical

SECTION



October Dye Imports Heaviest of Year

Quantity Imported 440,466 Pounds, Valued at \$455,787, Compared with 64,546 Pounds, Valued at \$71,290, Imported in August, the Lightest Month—Imports of Synthetic Aromatic Chemicals Also Unusually Heavy, Amounting to 12,863 Pounds, Valued at \$45,204, Compared With Imports of 2,299 Pounds, Valued at \$5,930, in February, the Low Month This Year—Imports of Medicinals in October Break the Record

The heavy increase in dye imports during October is shown by comparison with the imports through the port of New York in August which were 64,546 pounds, valued at \$71,290, against 440,466 pounds, valued at \$455,787, imported in October. July imports were 140,810 pounds, valued at \$137,075. March imports were the heaviest, previous to October, but amounted to only 293,862 pounds, valued at \$302,016.

Total imports of synthetic aromatic chemicals also were unusually heavy in October, amounting to 12,863 pounds, valued at \$45,204, compared with 2,299 pounds valued at \$5,930 imported in February, the low month this year, and 7,108 pounds, valued at \$16,853 imported in August, the largest amount imported previous to October.

Medicinals, intermediates, photographic developers and other coal tar chemicals through six ports in October amounted to 347,472 pounds, valued at \$70,485, com-

pared with 4,332 pounds, valued at \$8,062, imported in August, the low month of the year, and 212,343 pounds, valued at \$46,254, imported in March, the high month previous to October.

Imports of color lakes in October were 4,593 pounds, valued at \$2,973, compared with January, when there were no imports of color lakes, and with March, when the heaviest imports so far this year were received, amounting to 11,520 pounds, valued at \$3,343.

The dyes in this report are grouped by Schultz numbers and in the case of those which could not be identified by Schultz number, the classification according to the ordinary method of application was adopted. As the pastes and powders of the vat dyes vary widely in strength and quantity, each vat dye has been reduced, in nearly every case, to a single strength basis.

The designation of "c" for competitive and "nc" for non-competitive indicates the appraisement basis for the assessment of the ad valorem duty in Paragraph 28 of the Tariff Act of 1922. Those dyes without designation are doubtful, pending further investigation.

The ad valorem rate for competitive dyes is based on the American selling price, as defined in subdivision (f) of Section 402 of Title IV; the ad valorem rate for non-competitive dyes is based on the United States value, as defined in subdivision (d) of Section 402 of Title IV of the Tariff Act of 1922.

Key to abbreviations

1. The six leading German Companies

- A....Actien-Gesellschaft für Anilin-Fabrikation.
B....Badische Anilin- und Soda-Fabrik.
By....Farbenfabriken vorm. Friedr. Beyer & Co.
C....Leopold Cassella & Co.
K....Kalle & Co., A. G.
M....Farbwerke vorm. Meister Lucius & Brüning.

2. The seven smaller German Companies

- BK....Leipziger Anilinfabrik Beyer & Kegel.
GG....Chemikalienwerk Griesheim G.m.b.H.,
CJ....Carl Jäger G.m.b.H., Anilinfabrik.
GE....Chemische Fabrik Griesheim-Electron.
L....Farbwerk Muhlheim vorm. A. Leonhardt & Co.
tM....Chemische Fabriken vorm. Weiler ter Meer.

3. Dutch, Belgian and French Companies

- FA....Farbwerk Amersfoort.
NF....Niederländische Farbe- und Chemikalienfabrik.

4. Swiss Companies, all at Basel

- LG....Lazard, Godchaux.
P....Société Anonyme des Matières colorantes et produits chimiques St. Denis (formerly A. Poirier).

5. English Companies

- CI....The Clayton Aniline Co. (Ltd.).
CV....Colne Vale Chemical Co.
RHS....Read Holliday & Sons (Ltd.).
BD....British Dyes (Ltd.).
Lev....Levinstein (Ltd.).

6. Imports of unknown source through dealers in colors.

The list of dyes follows:

Schultz No.	Dye and Maker	Quantity Pounds	Schultz No.	Dye & Maker	Quantity Pounds
10	Stilbene yellow	225	257	Sulphon cyanine	100
	Mikado yellow-Q			Sulphon cyanine G-By	
19	Fast light yellow	2,402	265	Sulphon cyanine black	3,686
	Fast light yellow 3G-By			Sulfonine black B-c-S	
	Kiton fast yellow 3G-I			Acid milling black B-c-G	
22	Xylene light yellow	5,000	273	Diaminogene blue	5,400
	Xylene light yellow 2G conc-S			Diaminogene blue NA-nc-C	
58	Alizarin yellow R	500		Diaminogene blue NBB-nc-C	
	Ultra orange R-nc-S		274	Diaminogene	18,400
74	Tannin orange R	500		Black extra-nc-C	
	Tannin orange R pdr-nc-C			Diaminogene extra-nc-C	
82	Ponceau R	300	279	Benzo fast scarlet	2,400
	Scarlet 2R-nc-S			Benzo fast scarlet SBS-G-By	
88	Acid anthracene brown	1,147		Direct fast scarlet SE-I	
	Acid anthracene brown PC-nc-By		293	Milling red	441
121	Erica B	600		Acid milling red G conc-c-G	
	Erica B conc-c-S		296	Cotton yellow	969
	Erica B extra-A			Benzo fast yellow RL-c-By	
140	Curcumeine	1,102		Benzo fast yellow 4GL-c-By	
	Chromocitronine R-nc-DH			Fast cotton yellow RL-A	
141	Azo yellow	300	304	Chrysophenine	594
	Indian yellow FF-nc-C			Direct yellow CH-I	
175	Ponceau for silk	110	319	Diamine scarlet	1,125
	Acid ponceau E-nc-G			Diamine scarlet B-nc-C	
180	Eriochrome blue black BC-G	10		Diamine scarlet 3B-nc-C	
183	Brilliant sulphon red	1,000		Universal bordeaux C-nc-C	
	Brilliant sulphon red B-c-S		327	Diamine violet N	15
207	Diphenyl fast brown	2,756		Universal violet C-nc-C	
	Diphenyl fast brown GF-G		330	Zambesi brown	10
	Diphenyl fast brown GNC-nc-G			Zambesi brown 2G-A	
221	Anthracene acid brown	10	333	Diamine black	50
	Anthracene acid brown G-nc-C			Direct black RMW-nc-C	
227	Brilliant croceine	25		Diamine fast red	440
	Cotton scarlet extra-B			Diamine fast red 8BL-c-C	
232	Sudan IV	100	344	Diamine brown	15
	Biehrich scarlet R-nc-K			Universal dark brown C-nc-C	
			348	Diphenyl brown BN	4,409
				Diphenyl brown BBNC-nc-G	
				Diphenyl brown GS-G	
			349	Diamine brown B	15
				Universal olive brown C-nc-C	
			362	Oxydiamine orange	50
				Toluylene orange R conc-c-S	

Schultz No.	Dye and Maker	Quantity Pounds	Schultz No.	Dye & Maker	Quantity Pounds	Schultz No.	Dye and Maker	Quantity Pounds
363	Benzopurpurine 4B	25	606	Phosphine	4,601	765	Indanthrene green B (s.s.)	5,164
370	Universal scarlet C—nc—C	50		Acid phosphine R—nc—BD			Indanthrene blue green—B	
	Brilliant congo			Patent phosphine M—I			Indanthrene blue green B dbl. paste	
	Brilliant congo R—A	1,000		Philadelphia yellow—A			—B	
392	Tolylene orange			Phosphine 3R—A			Vat black BB dbl. paste—B	
	Pyrazol orange G conc—nc—S			Coriphosphine OX—c—By				
400	Acid anthracene red	200	607	Rhconine	300	767	Indanthrene violet RR (s.s.)	2,605
	Acid anthracene red 3B—By			Runic AL conc—B			Vat brilliant violet RR paste fine—B	
415	Dianil blue G	25	608	Euchrysine	1,360		Vat brilliant violet RR pdr.—B	
	Universal light blue C—nc—C			Patent phosphine GRNTN—B			Vat violet RR extra dbl. paste—B	
423	Chicago blue B	15	609	Homophosphine	100	778	Alizarin, synthetic	12,940
	Universal steel blue C—nc—C			Flavophosphine G conc—M			Alizarin VI extra pure—c—B	
424	Chicago blue 6B	25	612	Quinoline (spirit soluble)	1,256		Alizarin red DIB new paste—Q	
	Minaxo pure blue 6B conc—B			Chinoline yellow conc—c—S		779	Alizarin orange	5,093
448	Diamine ironze	1,200	613	Quinoline (water soluble)	200		Alizarin orange AO—BA	
	Diamine bronze G—nc—C			Chinoline yellow KT conc—B			Alizarin orange RP paste—By	
456	Benzo fast blue	868	617	Columbia yellow	848	780	Alizarin red	606
	Benzo fast blue 4GL—c—By			Chloramine yellow GC—By			Alizarin carmine—c—U	
457	Trisulphol brown GG	5,000		Diphosphyl chlorine yellow FF—G			Alizarin red W pdr.—By	
	Trisulphol brown GG conc—nc—S			Universal yellow C—nc—C		784	Alizarin SX, GD	2,176
450	Bonzo black blue G	15	618	Thioflavine T	5,790		Alizarin SX paste—B	
	Universal dark blue C—nc—C			Basic yellow T—nc—C		785	Alizarin RG, GI	2,272
474	Oxamine green B	15		Thioflavine T—nc—C			Alizarin red YCA—BA	
	Universal dark green C—nc—C			Yellow T—nc—C		787	Alizarin bordeaux B	100
476	Benzamin brown 3GO	220	622	Delphine blue B	2,605		Alizarin bordeaux BP paste—By	
	Cupranil brown G—I			Brilliant delphine blue B—nc—S		790	Acid alizarin blue, BB, GR	300
477	Congo brown G—A	25		Delphine blue B—I			Anthracene blue SWGG pdr.—B	
496	Setoglaurine	1,100	624	Modern violet N extra—DH	110	794	Cibacnone black (s.s.)	1,904
	Setoglaurine 733—nc—G			Modern heliotrope	110		Cibacnone black 2G pdr.—I	
501	Brilliant glacier blue—I	110	625	Modern violet	495	795	Cibacnone yellow R paste—I	551
503	Neptune green	851		Gallo violet DF pdr.—nc—By		797	Alizarin garnet	500
	Brilliant milling green B—C			Modern violet—nc—DH			Alizarin claret R paste—M	
	Erioviridine B supra—c—G		635	Modern violet		800	Anthracene blue	829
505	Light green SF (yellowish)	800		Gallo violet DF pdr.—nc—By			Anthracene blue WB paste—B	
	Acid green conc—M			Modern violet—nc—DH			Anthracene blue WG paste—B	
506	Erioglaurine	100	644	Ultracyanine R, B	500	804	Alizarin blue S	1,605
	Brilliant acid blue EG—By			Ultracyanine RB—nc—S			Alizarin blue S pdr.—nc—By	
507	Xylene blue VS	1,927	645	Gallazine	441		Alizarin blue SB pdr.—nc—M	
	Xylene blue VS conc—c—S			Gallazine No. 9—DH		811	Algol yellow 3G (s.s.)	128
508	Xylene blue AS	1,000	660	Methylene green	100		Algol yellow 3G pdr.—By	
	Xylene blue AS conc—c—S			Methylene green G extra—c—S			Vat yellow 5G paste—Gr—E	
512	Magenta	115	661	Thionine blue	551	815	Algol scarlet G (s.s.)	16
	Magenta S—B			Thionine blue G—I			Algol scarlet G pdr.—By	
	Fuchsine N—Q		663	New methylene blue	100	816	Algol red 5G (s.s.)	800
516	Crystal violet	422		New methylene blue N—nc—C			Vat red 5GK pdr.—nc—By	
	Crystal violet extra—B		667	Indochromine	500	817	Algol yellow R (s.s.)	513
	Crystal violet P—c—By			Indochromine RR conc—nc—S			Vat yellow GK paste—nc—By	
523	Fast green	468	673	Azo carmine B	826		Vat yellow GK pdr.—B	
	Fast green extra bluish—By			Azo carmine B extra—B			Vat yellow GK pdr.—By	
530	Acid violet 4BLO—B	1,220	681	New fast gray	661	819	Algol red FF, R (s.s.)	3,535
	Acid violet 4B—M			Malta gray J—P			Algol brilliant red 2B pdr.—By	
	Formyl violet 5AB—nc—C		686	Tannin heliotrope—C	100		Algol red FF extra paste—nc—By	
537	Methyl blue for silk	551	687	Rosolane	500		Vat brilliant red 2B pdr.—By	
	Methyl Lyons blue—G			Methylene heliotrope ex.—M			Vat red FF extra pdr.—nc—B	
	Methyl silk blue new—G		690	Metapheny'ene blue R	300	820	Algol brilliant R (s.s.)	100
538	Soluble blue	55		Diphene blue R—A			Vat brilliant violet RK pdr.—B	
	Water blue—Gr—E		695	Paraphenylene violet	500	821	Algol brilliant violet R (s.s.)	832
541	Patent blue	100		Diphene blue B—A			Algol blue 3R pdr.—By	
	Patent blue M	1,668	700	Nigrosine (soluble in water)	200		Algol blue 3RP pdr.—By	
	Poseidon blue BGX conc—B			Nigrosine T—nc—B			Vat brilliant violet BBK pdr.—B	
545	Patent blue A	1,238	705	Indocyanine B—A	1,500	822	Algol brilliant orange FR (s.s.)	400
	Brilliant acid blue FF—nc—By			Immedial black			Vat orange RRR pdr.—B	
	Poseidon blue BR conc—M		724	Immedial direct blue B—c—C	810	824	Algol orange R (s.s.)	16
	Poseidon blue BR extra—nc—B			Immedial brown	220		Vat orange GRK pdr.—By	
546	Cyanol	503	726	Immedial brown RR—nc—C	1,950	827	Indanthrene bordeaux B extra (s.s.)	2,040
	Blue extra—C			Immedial indone			Antra bordeaux R pdr.—B	
551	Eriochrome azurol BC	3,858	738	Immedial indone GCL—c—C			Antra claret R Paste—B	
	Eriochrome azurol BC—nc—G		746	Katigene green	50		Vat bordeaux B extra—B	
552	Chromal blue	331		Immedial green GG ex.—nc—C		830	Indanthrene red R (s.s.)	2,520
	Chromal blue GC—G		748	Hydron blue (s.s.)	18		Antra red RT paste—B	
557	Chrome violet—nc—G	110		Hydron blue G pdr.—c—C			Vat red R extra pdr.—nc—B	
558	Victoria blue R—I	330	754	Kryogene direct blue 3B	300	831	Indanthrene red BN (s.s.)	8,041
558	Victoria blue B	435		Kurgan violet 3RX—B			Indanthrene red BN extra paste—B	
	Victoria blue B base—CN		759	Anthraxlavone G (s.s.)	5,798		Vat red BN paste—B	
	Victoria pure blue BO—B			Antra yellow GC paste—nc—B			Vat red RK paste—nc—B	
562	Fast acid blue	499		Antra yellow GC pdr.—nc—B			Vat red RK pdr.—nc—B	
	Brilliant wool blue FFR—nc—By			Anthraxlavone GC pdr.—B		832	Indanthrene violet RN (s.s.)	8,223
564	Naphthalene green	551		Helindone yellow AGC paste—M			Vat violet BN paste—nc—B	
	Erio green B supra—G		760	Indanthrene golden orange G (s.s.)	17,035		Vat violet BN paste fine—B	
569	Acridine red	58		Helindone golden orange IG paste			Vat violet BN extra paste—B	
	Acridine red 3B—L			—M			Vat violet BN pdr.—B	
571	Rhodamine G	535		Helindone golden orange IG dbl.		833	Algol olive R (s.s.)	2,410
	Rhodamine GGDN—B			paste—M			Vat olive R paste—By	
	Rhodamine GGDN extra—nc—B			Vat golden orange G dbl. paste—B			Vat olive R pdr.—By	
	Rhodamine GGDN extra—nc—By		761	Indanthrene golden orange R (s.s.)	33,019	834	Algol gray (s.s.)	432
	Rosazeine 6GD extra—nc—M			Helindone golden orange IRRT paste			Vat gray CK paste—By	
573	Rhodamine B	4,715		—M			Vat gray GK pdr.—By	
	Rhodamine B—B			Indanthrene golden orange RRT			Vat gray K pdr.—By	
	Rhodamine B extra—O			paste—B		835	Indanthrene blue RS (s.s.)	1,740
	Rhodamine B extra—I			Indanthrene golden orange RRT			Vat blue RS dbl. paste—B	
581	Fast acid phloxine A	5		pdr.—nc—B			Vat blue RS triple pdr.—B	
	Fast acid eosine G—M			Vat golden orange RRT paste—B		839	Algol blue K (s.s.)	16
582	Fast acid violet AGR	25		Vat golden orange RRT dbl. paste			Vat blue RK pdr.—By	
	Fast acid violet RGE—M			—nc—B			Indanthrene blue GGS (s.s.)	3,786
592	Erythrosine—nc—M	30		Vat orange RRT paste—nc—By			Vat blue GGSP dbl. paste—B	
	Erythrosine extra—c—M			Vat orange RRT paste—nc—By			Vat blue GGS dbl. paste—B	
600	Acridine orange	1,101		Vat golden orange RRT paste, fine—nc—B		842	Indanthrene blue GCD (s.s.)	10,480
	Acridine orange DHE—DH		762	Indanthrene scarlet	310		Helindone blue ICCD dbl. paste—M	
	Brilliant acridine orange A—DH			Indanthrene scarlet GS pdr.—B			Indanthrene blue GCD dbl. paste—B	
				Vat orange 4R pdr.—B			Vat blue GCD dbl. paste—B	

(Continued on Page 1544)

GERMAN PATENTS MIGHT BE RETURNED

(Special to DRUG & CHEMICAL MARKETS)

Philadelphia, Nov. 19.—With the arguments of the attorneys for the Chemical Foundation and of Attorney-General Stone the hearing on appeal for a re-trial of the Government suit for the return of the German dye patents was ended last week, and Judges Buffington, Woolley and Davis now have the case under advisement.

U. S. Attorney General Harlan F. Stone made the closing argument. He declared the sale of German patents to the Chemical Foundation was illegal, because no value had been placed on the patents before they were sold, and he asked the court to declare the transaction void, and order the patents returned to the United States Government. He said that Congress alone had the power to determine what disposition should be made of seized enemy property, and stated that the patents might find their way back to their German owners. The statement was made in answer to a charge by Attorney Moorfield Storey, of Boston, in the final summing up for the Foundation, that the suit was filed in the interests of the Germans by former Attorney General Harry M. Daugherty, after he had a conference with a group of Germans who came to this country expressly to institute a fight for the recovery of the patents.

"We are told," he said, "that this suit is brought in the interests of the Germans. It is quite possible that Congress may determine to return this property, and the proceeds of it, to the private owners from whom it was taken. It has that power. It had been expressly reserved. The power to deal with the final disposition of this property was reserved to itself."

SHERWIN-WILLIAMS CO. CELEBRATES

(Special to DRUG & CHEMICAL MARKETS)

Montreal, Que., Nov. 19.—W. S. Fallis, vice-president and managing director of Sherwin-Williams Co. of Canada, Ltd., was given a banquet by his friends and associates on Nov. 14. Mr. Fallis has been in the service of the company for 25 years. He was presented with an illuminated certificate of service, and also a cabinet radio set and bronze statuette, gift of the employees. P. Z. R. Vincent, who also has completed twenty-five years with the company, was presented with a certificate of service.

Distinguished guests included A. Duquette, Mayor of Montreal; George A. Martin, president of the Sherwin-Williams Company of America and director of the Canadian company; E. M. Richardson, director of the United States company; R. C. Misson, manager of Sherwin-Williams Co. of Canada; D. A. Whittaker, secretary-treasurer; Royal Cluxton, manager of Canada Paint Co.

The annual report of Sherwin-Williams Co. of Canada shows earnings of 8.2 per cent on the common, against over 13 per cent last year. Earnings for the year ended Aug. 31, before bond interest, income tax and depreciation, were \$968,116 compared with \$1,073,607 the preceding year. After depreciation and other charges, including preferred dividends, there remained a balance of \$329,034 available for common dividends and a surplus of \$4,008,036, or slightly over 100 per cent of common stock outstanding. Current assets are \$4,861,295 and current liabilities \$1,246,358.

Superior Chemical Co. has been awarded the contract by the Bureau of Supplies & Accounts, Navy Department, for furnishing 80,000 pounds of sulfate of alumina at \$1,012, bids for which were received on Nov. 11.

CHEMICAL COMPANIES SUFFER LOSS

OF \$1,000,000 IN JERSEY CITY FIRE

Battelle & Renwick's Plant Carried Large Stocks of Saltpeter on Storage—Building of Onyx Chemical Co. and Small Structure Adjoining Colgate & Co.'s Plant Destroyed—Insurance \$246,500 on Buildings and \$337,250 on Machinery

Battelle & Renwick's saltpeter plant, the abandoned plant of American Sugar Refining Co., and one small building of Colgate & Co., Jersey City, were completely destroyed by fire on Friday, Nov. 14. While the origin of the fire has not been definitely determined, it is said to have started from a bonfire built by children from which sparks were blown through the grating into the cellar of the Battelle & Renwick plant. Following several explosions the flames spread with amazing rapidity to American Sugar Refining Co.'s plant and the Colgate plant as well as to four small factories and two rows of tenements.

Fumes from the large saltpeter stocks stored in the Battelle & Renwick plant hampered the firemen. The fire started at nine o'clock in the morning and burned fiercely all day. The New York Fire Department sent apparatus across the river in the early afternoon.

An accurate estimate of the total loss was difficult to obtain although the fire chief as well as the fire underwriters thought the total loss would not exceed \$1,000,000. The American Sugar Refining Co. plant had been dismantled and was held at merely land value, no insurance being carried. Onyx Chemical Co. also suffered some loss on the contents of an adjoining building.

Insurance on the plant of Battelle & Renwick amounted to \$246,500 on buildings, \$337,250 on machinery and stock, and \$10,000 on use and occupancy, distributed as follows:

On building 103-105 Morris street—			
Great Amer.	\$6,000	Fid-Phenix	9,000
Victory	6,500	Phoenix, Hartford	11,500
Westchester	8,500		
Total			\$41,500

On building 107-115 Morris street—			
Phoenix, Hartford	\$15,000	Springfield	2,500
Nat'l. B. F.	5,000	Aetna	7,500
St. Paul	4,000	Franklin, Pa.	2,500
Concordia	5,000	Camden	2,500
Westchester	2,500	Fire Ass'n	3,750
Fid-Phenix	10,000	Hartford	5,000
L. & L. & G.	7,500	North River	8,750
Total			\$91,500

On building 192-198 Warren street—			
Phoenix, Hartford	\$10,000	Concordia	8,000
Victory	5,000	Westchester	9,000
Fid-Phenix	8,000	Great Amer.	3,500
St. Paul	8,000	Atlas of London	12,000
Total			\$63,500

On building 102-104 Essex street—			
Phoenix, Hartford	\$32,500	Pitts. Underw.	12,500
Amer. Eagle	5,000		
Total			\$50,000

On stock and machinery—			
Pitts. Under.	\$14,500	Mechanics, Pa.	16,500
Phoenix, Hartford	10,750	Alliance, Pa.	16,500
Nat'l Liberty	18,000	Atlas	5,000
Franklin, Pa.	45,000	L. & L. & G.	35,000
Concordia	14,500	Palatine	5,000
Westchester	25,000	Glens Falls	10,000
Victory	9,000	Blt. Amer.	10,000
Fid-Phenix	5,000	Ins. Co. N. A.	10,000
Amer. Eagle	10,000	Newark	4,000
St. Paul	2,000	United States	55,000
Great Amer.	2,500	North River	8,000
Atwood	5,000		
Total			\$337,250

On use and occupancy, 103-121 Morris street and 192-198 Warren street—			
Glens Falls	\$2,500	Aetna	2,500
Agricultural	5,000		
Total			\$10,000

INDUSTRIAL CHEMICAL SECTION

The Heavy Chemical Market

Current Spot Quotations for Heavy Chemicals, pages 1550-1560

IMPORTED POTASH PRODUCTS STRONGER

Permanganate of Potash Higher—Caustic Potash Stronger—Lead Acetate Advanced 1c—Copper Sulfate Strengthening—Barium Chloride Weak—Acetone Lower—White Arsenic Sales at 6c—Sodium Fluoride Higher—Contracting in Alkalis and Bleaches—Improvement in Chemicals

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced
Potassium Permanganate, 2c lb. Sodium Fluoride, Imp.; $\frac{1}{4}$ c lb.
Lead Acetate, 1c lb. Sal Ammoniac, Imp.; $\frac{1}{4}$ c lb.

Declined
Acetone, C.P., 1c lb. Arsenic, white, $\frac{1}{4}$ c lb.
Barium Chloride, Imp., \$4.00 ton

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial....lb.	\$1.11	\$1.11	\$1.11	\$1.12 $\frac{1}{4}$	\$1.19 $\frac{1}{4}$	\$0.7
Sulfuric Acid, 66 deg..ton	14.00	14.00	14.00	15.00	55.00	20.00
Ammonium Sulfate, 100lbs.	2.65	2.65	2.60	2.90	7.50	2.65
Bleaching Powder, 100lbs.	1.90	1.90	1.90	1.35	9.50	1.50
Copper Sulfate, c/1 100lbs.	4.60	4.60	4.60	4.80	20.00	4.50
Potash Caustic, Imp....lb.	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.07 $\frac{3}{4}$	.07	.57	.08
Soda Ash, 50 p.c....100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76 p.c.100 lbs.	3.66	3.66	3.66	3.70	9.50	1.42
Potassium Bichromate...lb.	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.09 $\frac{1}{4}$	.65	.06 $\frac{1}{4}$
Sodium Prussiate, Imp.lb.	.09 $\frac{1}{4}$	.09 $\frac{1}{4}$	.09 $\frac{1}{4}$	.11	1.25	.18
Average	2.911	2.911	2.906	3.009	10.79	2.59

While the chemical market has not followed the spectacular activity of the stock market, a general improvement in buying is reported by practically all factors in the trade. Manufacturers have been enjoying an increased volume of business since the election and the feeling prevails that a steady increase in buying will take place over the next few months. Buyers are still inclined to cling to the custom, which appears to have become a habit, of buying only in small quantities for immediate consumption. The period for placing contracts for next year delivery is at hand and this business is reported to have increased considerably during the past week or ten days. The usual alkali business is coming forward, while bleach consumers appear hesitant over the prices announced for next year. After having received bleach as low as \$1.25 for 1924 delivery the advance to \$1.90 is far from satisfactory to consumers. But all business at \$1.25 has been at a loss and a repetition of such low prices would eventually mean disaster for manufacturers. Potash products have strengthened and shipment prices from Germany are stated to be advancing. Potassium permanganate has advanced 2c a pound. Caustic potash is stronger. Copper sulfate is tending toward higher levels. Barium chloride is a weak item. Acetone and white arsenic are easier.

Acid Acetic—Makers report a steadily increasing demand from all quarters. Prices continue at the former schedule of \$3.12@3.37 for 28% as to quantity in barrels; 56%, \$5.85@6.10; glacial, \$11.01@11.76.

Acid Formic—Moving steadily at prices ranging from 11c@12c lb. as to grade. Imports are increasing, 158 drums and 140 carboys arriving at New York last week.

Acid Lactic—Unchanged but firm owing to the higher cost of production. Dark, 22%, 5c@5 $\frac{1}{2}$ c lb., and light, 6c@6 $\frac{1}{2}$ c lb.; 44%, dark, 10c@10 $\frac{1}{2}$ c lb., and light, 12c@12 $\frac{1}{2}$ c lb.

Acid Oxalic—Quiet and unchanged at 9 $\frac{1}{2}$ c@10c lb. as to seller and quantity.

Acid Sulfuric—Consumption has been increasing in all consuming industries. Prices are firm with 66° in carlots at \$14 per ton in tanks, works; carboys, \$1.50@1.85. Sixty degree in tanks, \$9.00 ton.

Acetone—The C. P. material is being offered at lower prices of 15c@16c lb. in one direction, while the other producer is still maintaining 17c@18c lb. as to quantity.

Ammonium Chloride—Demand is spasmodic and prices unsettled. Imported white is moving at 6c lb. on spot and 5 $\frac{3}{4}$ c lb. for shipment. Domestic named at 7 $\frac{1}{4}$ c@8c lb.

Arsenic—Sales have been made of distressed lots at 6c lb. while quotations of 6 $\frac{1}{4}$ c@6 $\frac{1}{2}$ c lb. are quite common for spot goods. Japanese material is offered for shipment at 6c lb.

Barium Products—The chloride is very weak owing to the lack of demand. Imported material is offered at \$65 ton spot and sales have been reported under this figure. Domestic is held at \$72.50 at works. Carbonate is holding at \$54@55 ton for imported, spot, and \$64 ton for domestic, works.

Bleaching Powder—The new contract prices are meeting a little resistance from buyers some of whom are hesitating before placing contracts. The 1925 prices are considerably higher than the 1924 contract prices but the latter were abnormal at the contracting season. Makers now quote \$1.90 for carlots of large drums on contract and \$2.05 in less carlots; spot works are 10c higher. Small drums are 25c above standard drum prices.

Chlorine—The new prices are slightly lower on quantity than the recently prevailing schedule of prices. Tanks are named at 4c lb. on contract and 4 $\frac{1}{4}$ c lb. spot works; carlots of cylinders, 5 $\frac{1}{2}$ c lb.; l.c.l. lots over ton lots, 7c lb.; ton lots or less, 8c lb. Spot works prices, $\frac{1}{4}$ c lb. higher.

Copper Sulfate—While no advance has taken place, a stronger tone is noticeable in the market owing to the rise in metal to 14c lb. This is an advance of 1c lb. in metal during the past month or two while sulfate has not changed. Business is beginning to arrive for Spring delivery. Imported material named at \$4.40@4.50. Domestic material held at \$4.65 in carlots and up to \$4.90 in less.

Potash Caustic—Shipment prices are reported to be advancing. While 7 $\frac{1}{2}$ c lb. has been possible some are now asking 7 $\frac{3}{4}$ c lb. Spot material is named at 7 $\frac{1}{4}$ c@7 $\frac{3}{4}$ c lb. as to quantity. Imports at New York last week were 844 drums.

Potassium Permanganate—A sharp advance has taken place in the market. Both domestic and foreign material has moved up to 15c lb. spot, while shipment from abroad is quoted 15 $\frac{1}{2}$ c lb. Domestic prices range from 15c@16c lb. as to quantity.

Potassium Prussiate—Moving in a routine way with yellow 16 $\frac{1}{2}$ c lb. and red 35 $\frac{1}{2}$ c@37c lb.

Lead Acetate—Owing to the recent rise in pig lead the leading producer of acetate has advanced his prices. The new schedule represents advances of $\frac{1}{4}$ c@1c lb. White, crystals, 15 $\frac{1}{2}$ c@16c lb.; broken, 14 $\frac{1}{4}$ c@15c lb.; granular, 15c lb.; powdered, 16 $\frac{1}{4}$ c@16 $\frac{3}{4}$ c lb.; brown, 14 $\frac{1}{2}$ c lb.

Soda Ash—With the 1925 contract prices in effect makers are busy booking contracts for 1925 delivery. No change was expected in the 1925 and none took place. The election naturally delayed announcement, but with that question settled buyers feel more confident about the future and are beginning to anticipate their requirements. Contract business named at \$1.38 for 58% light in carlots of bags, works; barrels, \$1.63 and bulk, \$1.25. Spot works 5c higher. L.c.l. business on spot, \$2.04@2.19 in bags delivered, and \$2.29@2.44 in bbls.

Soda Caustic—Contract business is beginning to come in in volume. The 1925 prices are the same as for 1924. Solid 76% in carlots of drums on contract, \$3.10, works; ground and flake, \$3.50; spot works, 10c higher. L.c.l. business, New York, \$3.76@3.91 for solid in drums delivered; ground and flake, \$4.16@4.31.

Sodium Acetate—Moving at 4¾c@5c lb. as to seller and quantity.

Sodium Fluoride—Higher at 8¾c lb. for the imported.

Sodium Nitrite—Firm at 9¼c@9½c lb. for imported material.

Sodium Prussiate—Contracts have been going through at 8¾c lb. for imported. The undertone is stronger though spot price continues at 9c@9¼c lb. for imported and 9¼c lb. for domestic.

Sodium Nitrate—Fire destroyed the refining plant of a large refiner. Demand is being supplied from outside stocks at unchanged prices. The crude nitrate is firm at \$2.42½ for spot and up to \$2.47½ for forward delivery.

Metals

A further strengthening of the metal market took place last week with practically all important items showing appreciable gains in price. Copper advanced to 14c@14½c lb. spot for Lake, and 13¾c@14c lb. spot for the electrolytic. Further advances were retarded by a slight falling off in sterling exchange. Lead at New York remained unchanged at \$8.65@8.87½ spot, while the price at East St. Louis jumped to \$8.80@8.90 for spot goods. Tin showed a slight gain in the price to 54½c lb. spot; 99%, 54¾c lb. spot. Zinc advanced to \$7.20@7.22½, New York, and East St. Louis, \$6.90@6.92½.

In connection with the proposal to increase the price of sulfur, which has been approximately \$13 a ton here and slightly more in foreign markets, Walter H. Aldridge, president of Texas Gulf Sulphur Co., said that the price had long been too low and that the many uses to which sulfur is being put have increased and broadened the demand. Mr. Aldridge added: "Our main customers in this country are paper and pulp mills and fertilizer manufacturers. These two industries take more than 60 per cent of the American output."

Samuel H. French & Co., Philadelphia, at a recent meeting of the board of directors, elected the following officers: C. Stanley French, president; Edgar S. McKaig, vice-president of finance, and treasurer; Edward T. Longstreth, vice-president of production; C. Durning French, vice-president of sales; Frank L. Johnson, secretary. The reorganization was necessitated by the death of Howard B. French.

Sulfuric acid is manufactured at Bordeaux, France, in four plants from pyrites received from Spain and Portugal, and phosphates from Algeria, Tunis, and sometimes from the United States, says Consul Lucien Memminger, Bordeaux. About 145,000 metric tons of phosphates and 55,000 tons of pyrites are imported annually for these four factories.

REESE TO SPEAK ON HIGH EXPLOSIVES

The American Institute of Chemical Engineers will hold its seventeenth annual meeting at Pittsburgh, Dec. 3-6, with headquarters at the Schenley Hotel. E. R. Weidlein is chairman of the local committee on arrangements, and hotel reservations are under the supervision of Dr. H. H. Meyers, of Mellon Institute of Industrial Research.

A complete program enumerating the events for each day of the meeting has been issued. On Thursday evening, Dec. 4, the president, C. L. Reese, will deliver an address on "Twenty-five Years Progress in High Explosives." Friday, Dec. 5, will be taken up with an all-day excursion to the plant of American Steel & Wire Co., at Donora, Pa., where the manufacture of sulfuric acid, zinc, wire and nails will be inspected. A dinner at the University Club is scheduled for the same evening.

Dr. Maximilian Toch will talk on "Notes on the Corrosion of Steel, Its Cause and Prevention," on Saturday, Dec. 6, and H. G. Chickering will speak on "Notes on the Development of the du Pont Cyanide Process," on the same day.

BREITHUT TO ADDRESS SALESMEN

Dr. F. E. Breithut will address the Salesmen's Association of the American Chemical Industry at the next dinner and meeting to be held Monday evening, Nov. 24, at the Builders' Exchange, 34 West 33rd st., New York. His subject will be "What Ails the American Chemical Industry?" At a meeting of the Executive Committee of the association on Nov. 18, the following new members were elected: Burt H. Goddin, E. J. Zillisen, F. M. Ackerman, D. C. Scott, Edwin A. Staber, G. F. Reale, C. W. Brown. The entertainment committee reported that the date of the Christmas Party had been set for Dec. 22, but the place had not yet been selected.

NEW YORK MAY HAVE CHEMICAL MAYOR

New York City may have a mayor from the chemical industry in 1926, according to reports from political circles in the metropolis. Arthur S. Somers, vice-president and general manager of Fred L. Lavanburg Co., New York and Brooklyn manufacturers of chemicals and dry colors, stands directly in line for the Democratic nomination and is reported as the choice of the party leaders. Mr. Somers, who is head of the Brooklyn Chamber of Commerce and active in many New York business associations, is expected to answer the insistent demand for a business man for the next mayor of New York.

Sir William Alexander, M.P., chairman of the British Dyestuffs Corp., arrived on the Aquitania on Friday, Nov. 14. He told reporters that he was not ready to discuss the effect of the Dawes plan on the American dye industry and asked for "time to think it over." Sir William is a member of American Cellulose & Chemical Manufacturing Co., Ltd. He said he planned to meet Dr. Camille Dreyfus, president of the company. Dr. Dreyfus was to sail for Europe on the Mauretania last week, but postponed his departure to await the arrival of Sir William.

The Insecticide and Disinfectant Manufacturers Association will hold its eleventh annual meeting in New York on Monday and Tuesday, Dec. 15 and 16, according to an announcement sent out by Secretary Harry Cole. Benjamin Newman, Chairman of the program committee is selecting a hotel for the meeting, the name of which will be announced as soon as a decision is reached.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemicals, page 1558

NAPHTHALENE POSITION STRENGTHENING

Smaller Production and Improving Demand Changing Recent Weak Market—Benzol Supply and Demand Balanced at Unchanged Prices—Gradual Increase in Steel Buying Expected to Start Coking Operations—Pyridine Demand Slow—Intermediates and Dyes Continue to Improve

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

	Advanced			Declined		
	Naphthalene, flake, ½ lb.			No Declines		
Trend of the Market						
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Benzene, pure	gal. \$.25	\$.25	\$.25	\$.22	\$1.10	\$.25
Naphthalene, flake	lb. .05½	.05½	.05	.06½	.16	.08
Phenol, Spot	gal. .25	.23	.23	.26	1.50	.08
Toluene	gal. .26	.26	.26	.25	..	..
Aniline Oil	lb. .16	.16	.16	.16	1.40	.10½
Alpha-naphthylamine ..	lb. .35	.35	.35	.35	1.28	..
Benzaldehyde	lb. .70	.70	.70	.75	..	..
Betanaphthol	lb. .24	.24	.26	.25	1.50	.08
Dimethylaniline	lb. .35	.35	.35	.40	1.30	..
Paranitroaniline	lb. .66	.66	.68	.73	1.58	.18
Average	0.327	0.327	0.331	0.343	..	..

Activity in the market for intermediates and dyes has been showing a marked improvement since the election early in the month. The tendency of buyers to confine their purchases to immediate requirements and then only in small quantities is showing signs of wearing off and inquiries are being received in the trade about contracts for next year. The New England textile mills are still far behind their normal production but other textile districts are reported to be increasing their output. The call for dyes has been improving and this is being reflected in a better demand for intermediates. The price situation is decidedly steady but factors in the trade are beginning to talk of higher prices if the demand increases too rapidly. Stocks are stated to be low in all hands. Consumers have been keeping down their inventories while manufacturers have only been producing according to the volume of orders. In the market for crude coal and coal-tar by-products a fair volume of business is passing. The benzol situation is fairly well balanced as to supply and demand at the recent price levels. Supplies are small enough to keep buyers worried but demand is being satisfied. Naphthalene is showing signs of strengthening with improved buying interest and smaller production during the greater part of this year.

Crudes

Benzene—The situation has shown no appreciable change during the week. While supplies continue small in all quarters, buyers are able to locate industrial benzol as they need it. With steel mills showing a gradual increased production, a recovery in coking operations is expected to develop, but up to the present time ovens have shown no marked improvement. Prices are maintaining their recent levels of 25c for pure in tanks at mills, and 30c in drums. Ninety degree benzol, 23c in tanks, mills, and 28c in drums, mills.

Cresylic Acid—Demand is still backward enough to bring out lower offerings and prices are being quoted

down to 59c per gallon for pale acid in small quantities. The range is from 59c@70c according to seller and specifications of the acid.

Naphthalene—While no important demand has developed, a little more interest is being shown after a long, quiet period. Production has been smaller this year owing to the reduced by-product coke operations. Supplies are still fairly large and no one is fearing a shortage. Prices are being quoted at 5½c@6½c lb. for flake by refiners, and balls, 7½c@8½c lb. Supplies, however, can be obtained down to 5c lb for flake.

Phenol—No new developments have taken place. Makers are meeting the demand and prices are holding steady 24c@26c lb. according to packing. Indestructible drums, 24c lb., and destructible drums, 25c@26c lb.

Pyridine—The mild weather during the past month has been affecting business in this item. Demand for denaturing purposes has been slow and prices are easier. Generally quoted at \$4.00 gal. spot, though this price is being shaded in some quarters. Shipment is stated to be the same as spot. Imports were fairly large last week, 18 drums at New York and 13 drums at Phila.

Solvent Naphtha—Competition is keen enough in this product to keep the market somewhat unsettled and sales have been reported under the general quotations of 24c and 25c per gallon in tanks, mills. Drums, 5c higher.

Toluene—Little new in the situation. Buying has been showing some improvement and though supplies are rather limited no buyer is having difficulty in locating supplies when needed. Prices are holding at 26c gal. in tanks, mills, and 31c gal. in drums.

Intermediates

Acid Cleve's—Fair demand reported with prices steady at \$1.00@1.05 lb.

Acid Gamma—Regular routine demand at unchanged prices, \$1.40@1.50 lb.

Acid H—Makers report improved demand and increase in shipments. No change in price is reported. Makers quote 72c@75c lb.

Acid N & W—Somewhat firmer in price with demand fair. Held at \$1.10@1.25 lb.

Aniline Oil—Supplies are not too plentiful and prices are decidedly firm in makers' hands at 16c@17c lb. according to quantity, the inside price being for tanks or carlots of drums.

Alpha-naphthylamine—Holding steady on quiet demand at 35c@37c lb.

Benzidine—Moving at unchanged prices of 78c@80c lb. according to seller and quantity.

Beta-naphthol—Makers are now quoting 24c lb. for the average quantities and carlot buyers are doing better.

Diethylaniline—Holding at 58c@61c lb. in makers' hands.

Dimethylaniline—Occasional sales are reported at 34c lb. though generally named at 35c@37c lb. according to quantity.

Ortho-nitrotoluene—Makers are not offering owing to a sold up condition. Occasional small lots are being picked up at 8c@9c lb.

Nitrobenzene—Moving at 9c@9½c lb. for the crude and 9½c@10c lb. for refined.

a sold up condition. Occasional small lots are being picked up at 8c@9c lb.

Ortho-toluidine—The increasing demand is being reflected in firmer prices and intimation of advances. However, supplies are moving at 14@15c lb.

Para-amidophenol—Quiet and holding at \$1.16@1.25 lb. as to seller.

Para-nitraniline—Moving at the recently lower price of 66c lb.

Para-toluidine—Holding firm at 75c@80c lb. as to quantity.

The Synthetic Organic Chemical Manufacturers' Association of the United States will hold its annual meeting Dec. 12 at the Hotel Commodore, New York. Committee reports will be read and officers for the coming year elected. The dyestuff section of the Association met Nov. 13 at the Hotel Commodore for the monthly luncheon and discussion. On the question of importing phosgene, owing to the difficulty of obtaining phosgene from the War Department, it was decided to lay the matter before the members in a bulletin. Quotations of 42½c a pound have been made, f.o.b. Hamburg, or 33c a pound in German containers, not legal for interstate traffic.

John F. Bannon, president of Northern New England Section of American Association of Textile Chemists & Colorists, presided at the Autumn meeting of the association held at Lowell, Mass., recently.

ADDITIONS MADE TO CLASSIFIED DYES

Imports Between April and September Designated as Competitive and Non-Competitive

A supplementary list of dyes and chemicals imported between April and September, and which now have been classified as competitive and non-competitive, has been issued by the Chemical Division of the Bureau of Foreign and Domestic Commerce and the Chemical Division of the Tariff Commission as follows:

Dyes Imported in April

Alizarine Fast Grey 2 B L Powder	N	C
Acid Chrome Yellow R L Extra	N	C
Acid Chrome Yellow G L	N	C
Vat Brown R Powder	N	C
Acid Anthracene Red 3 B	N	C
Diazo Brilliant Orange G R Extra	N	C
Vat Olive R Powder	N	C
Vat Orange R R K Paste	N	C
Vat Blue 5 G Powder	N	C
Alizarine Indigo 3 R Paste	N	C
Vat Brilliant Violet B B K Powder	N	C
Black B R	N	C
Alizarine Direct Blue B G A O O	N	C
Brilliant Benzo Fast Violet B L	N	C
Thio Indigo Scarlet 2 G Paste	N	C

Chemicals Imported in April

Indigol	N	C
Dyes Imported in May		
Anthracene 3 F L	N	C
Toluyene Fast Orange G L	N	C
Vat Red Violet R R K Powder	N	C
Antra Yellow G C Paste	N	C
Diamine Orange B	N	C
Hydron Olive G N Paste	N	C
Black Extra	N	C
Phosphine 3 R	N	C
Diamine Orange B	N	C

Dyes Imported in June

Acid Alizarine Grey G	N	C
Alizarine Direct Blue A	N	C
Hydron Sky Blue F K Paste	N	C
Diamine Brilliant Bordeaux R	N	C
Hydron Wool Brown D Vat	N	C
Hydron Sky Blue F K Paste	N	C
Alizarine Levelling Blue B B S	N	C
Antra Red R T Double Paste	N	C
Vat Golden Orange G Double Paste	N	C
New Acid Green 3 B X	N	C
Vat Golden Orange R R T Paste	N	C

Dyes Imported in July

Indanthrene Golden Orange R R T Paste	N	C
Vat Golden Orange R R T Paste	N	C
Vat Violet B N Paste	N	C

MAY SELL BUTTERWORTH-JUDSON PLANT

Receivers of Butterworth-Judson Corp. obtained an order on Nov. 15 from Justice Hand of the U. S. District Court for the creditors to show cause on Nov. 25 why a petition of the receivers recommending the sale of the property should not be granted. The petition states that efforts to reorganize the company have failed; that the company is operating at a loss, and the receivers have determined to cease manufacturing with the close of the year.

The receivers further state that they have at various times sought purchasers for the property, and have now a bid of \$350,000 for a portion of the property from George A. MacIntosh. Accordingly, they are asking the court for permission to accept this offer and recommending that the sale of all property of the company be made as soon as possible.

Butterworth-Judson Corp. manufactures heavy chemicals and acids. During the war its plant was tremendously expanded and the company was caught in the post-war deflation with exceptionally heavy manufacturing capacity, together with accumulated stocks and no outlet for them. Losses during the receivership since April, 1922, are said to be \$34,842. Experimental work on a process for treating petroleum has cost \$80,981.16 in addition.

The new Southern Section of the American Association of Textile Chemists and Colorists held its first meeting at the Hotel Imperial, Greenville, S. C., Oct. 22. More than twenty-five members attended.

Vat Golden Orange G Double Paste Fine	N	C
Vat Golden Orange G Double Paste	N	C
Ludigol	N	C
Methylene Blue 3 G	N	C
Onis Violet B B	N	C
Victoria Blue B Highly Conc.	N	C
Minaxo Black B B N X	N	C
Acid Violet 7 B Conc.	N	C
Tero Yellow F R	N	C
Alizarine Black W R Paste	N	C
Alizarine G I	N	C
Vat Orange 4 R Powder	N	C
Vat Blue GCD Double Paste Fine	N	C
Vat Orange R R T Paste	N	C
Vat Red Violet R R K Paste Fine	N	C
Vat Blue BGCS Powder	N	C
Indanthrene Red BN Extra Powder	N	C
Anthraflavone G C Powder	N	C
Alizarine Acid Grey	N	C
Alizarine Blue Black B Powder	N	C
Vat Golden Orange RRT Paste	N	C
Vat Golden Orange RRT Paste	N	C
Vat Violet BN Paste	N	C
Alizarine Sky Blue B Powder	N	C
Vat Orange R R K Paste	N	C

Dyes Imported in August

Azo Wool Violet 7 R	N	C
Radio Brown B	N	C
Alizarine Levelling Green Blue B	N	C
Radio Red V B	N	C
Sky Blue N	N	C
Diamine Orange B	N	C
Anthra Yellow G C Paste	N	C
Fast Cotton Grey V L	N	C
Diphone Blue B	N	C
Metachrome Brilliant Blue 8 R L	N	C
Alizarine Claret R Paste	N	C
Helindone Golden Orange IRRT Paste	N	C
Vat Violet DN Paste	N	C
Vat Red R K Paste	N	C
Vat Orange RRT Paste	N	C

Dyes Imported in September

Blue 1900 T C D	N	C
Wool Black G R F	N	C
Chromocitronine R	N	C
Metachrome Olive Brown G Powder	N	C
Erio Navy Blue	N	C
Erio Chrome Cyanine R C	N	C
Erio Chrome Red G	N	C
Direct Grey R Paste	N	C
Chromacetine Blue S Extra	N	C
Brilliant Sulfon Red B	N	C
Chromorhodine B R	N	C
Wool Fast Blue B L	N	C
Anthraquinone Violet	N	C
Diazo Fast Blue 6 G W	N	C

Chemicals Imported in September

Phenylidimethyl Pyrazolon	N	C
Guaiacol Carbonate	N	C

The Oil Market

Current Spot Quotations of Oils, Tallowes, Greases, page 1575

CRUSHERS ADVANCE LINSEED OIL 5c GAL.

Rising Seed Markets Account for Recent Strength—
Chinawood Oil Higher—Cottonseed Oil Steady—
Olive Oil Foots and Palm Oil Firm—Lard and Oleo
Oil Easier—Rapeseed Oil Up—Tallow Sales at 10c—
Fish Oil Scarce and High—Turpentine and Rosins
Lower

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Chinawood Oil, spot, $\frac{1}{2}$ c lb.	Rapeseed Oil, 1c gal.
Cottonseed Oil, crude, $\frac{1}{2}$ c lb.	Sesame Oil, ref., $\frac{1}{2}$ c lb.
Grease, house, $\frac{1}{2}$ c lb.	Soya Bean Oil, $\frac{1}{2}$ c@1c lb.
Linseed Oil, spot, 5c gal.	Tallow Oil, $\frac{1}{2}$ c lb.
Declined	
Lard Oil, 1c@ $\frac{1}{2}$ c lb.	Stearine Oleo, $\frac{1}{2}$ c lb.
Oleo Oil, No. 1, $\frac{1}{2}$ c lb.	Rosins, 20c@25c unit

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Cod Oil, N. F.....gal.	\$.62	\$.62	\$.62	\$.68	\$1.26	\$.26 $\frac{1}{2}$
Degras, American, bbl..lb.	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.04 $\frac{1}{4}$	.23	.03 $\frac{1}{2}$
Lard No. 1.....gal.	.95	.95	.95	.79	2.90	.92
Menhaden, crd. tks.....gal.	.57 $\frac{1}{2}$	.57 $\frac{1}{2}$	.54	.50	1.20	.33
Neatsfoot, 20 deg. c.t..gal.	1.35	1.35	1.35	1.24	3.45	.95
Red Oil, distilled.....lb.	.10 $\frac{3}{4}$	.10 $\frac{3}{4}$	.10 $\frac{3}{4}$	.09 $\frac{1}{2}$	.17	.07
Stearic Acid, T. P.....lb.	.14	.14	.13 $\frac{1}{2}$	.14 $\frac{1}{4}$	.38	.12
Coconut, Ceylon, bbls..lb.	.11 $\frac{3}{4}$	.11 $\frac{3}{4}$	.11 $\frac{3}{4}$	.10	.90	.14
Cottonseed, crude, tks..lb.	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{3}{4}$	.08 $\frac{1}{2}$	.25	.08
Linseed, crude.....gal.	1.11	1.06	1.06	.90	1.85	.57
Olive, denatured.....gal.	1.30	1.30	1.25	1.10	4.50	1.05
Peanut, refined.....lb.	.17	.17	.17	.15	.30	.08
Soya Bean, bbls.....lb.	.14	.13 $\frac{1}{2}$	.13	.11	.19 $\frac{1}{2}$	.07
Average	0.510	0.506	0.501	0.455	1.30	0.362

Buyers are still inclined to be conservative in their purchases and follow the market for moderate quantities from time to time. The limited supplies available continue to add strength to a number of products and prices are showing no signs of receding from the recent higher levels. Vegetable oils are leading the way in activity and strength of prices. Owing to a sharp upward swing in flaxseed prices, crushers announced two advances during the week which totalled five cents per gallon. The higher prices halted buying which became very active when a stronger market became apparent. Chinawood oil is also showing more activity and spot prices have advanced. Demand from soap makers has been increasing and has accounted for higher prices in tallow and a stronger tone in palm oil and olive oil foots. The recovery in tallow has been a feature of the market. Prices reached the highest point in over four years when sales were recorded at 10c per pound. With the fishing season over menhaden oil offerings are the lowest of the year. Turpentine and rosins are easier.

Vegetable Oils

Castor Oil—Former quotations of 17c lb. for No. 3 and 17 $\frac{1}{2}$ c lb. for No. 1 are being maintained. Strong seed markets are keeping prices firm.

Chinawood Oil—More interest is being shown in this item and prices are firmer. Spot prices are named at 15 $\frac{1}{4}$ c@16c lb. though 15 $\frac{1}{2}$ c lb. may be possible in some quarters. Forward arrival holding at 15 $\frac{1}{4}$ c@15 $\frac{1}{2}$ c lb. At the Coast 13 $\frac{1}{4}$ c@14c lb. is named for Dec. arrival.

Coconut Oil—Small supplies and an active demand are keeping prices firm with an upward tendency. Sales of Ceylon grade were made at 10 $\frac{3}{4}$ c lb. in tanks spot

and 11 $\frac{1}{4}$ c lb. for Cochin. Manila at the Coast, 9 $\frac{5}{8}$ c lb. and spot, 10 $\frac{3}{4}$ c lb.

Corn Oil—Demand for oil is holding up well and supplies are none too plentiful. Crude oil at the mills is held at 9 $\frac{3}{4}$ c@9 $\frac{7}{8}$ c lb. in buyer tanks. Refined oil, spot, 13c lb.

Cottonseed Oil—No important activity took place in the market. The tendency has been slightly downward with P.S.Y. ranging from 10 $\frac{3}{4}$ c@11c lb. Crude oil is stronger and sales are being made at 8 $\frac{7}{8}$ c@9c lb. Refined oil is moving at 12c lb. for winter yellow.

Linseed Oil—Sharp advances in the seed markets have accounted for advances in oil to \$1.11 per gallon for spot oil in carlots and \$1.14 in less cars. Buying was active before but since the advance buyers have withdrawn from the market. Deliveries on previous placed contracts are keeping stocks low. London linseed oil at 46/6. Antwerp, higher, 417f. Flaxseed prices are higher. Winnipeg, opened the week, Nov., \$2.41; Dec., \$2.39; May, \$2.45. Duluth, Nov., \$2.65 $\frac{1}{2}$; Dec., \$2.66 $\frac{1}{2}$; May, \$2.73. Minneapolis, Nov., \$2.65; Dec., \$2.70; May, \$2.76. Buenos Aires higher, \$2.30.

Olive Oil—Sales continue at the recent higher levels. Scarcity of spot supplies and for shipment are keeping prices firm. Denatured is moving on the basis of \$1.30 @ \$1.35. Foots are held at 9 $\frac{3}{4}$ c@9 $\frac{1}{2}$ c lb. spot while shipment prices are named at 9 $\frac{1}{2}$ c@9 $\frac{3}{4}$ c lb.

Palm Oil—Demand from soap makers has been active. Importers have little to offer and prices are holding firm at the recently prevailing levels. Lagos named at 9 $\frac{3}{4}$ c @10c lb., spot, and niger, 8 $\frac{3}{4}$ c@9c lb.

Peanut Oil—Crude oil is in small supply with prices nominal. Refined is held at 17c lb., spot.

Rapeseed Oil—Reports from primary markets are to the effect that no offerings are available. Sellers are naming higher prices, 98c@\$1.00 gal. for refined and \$1.06@\$1.08 for blown.

Sesame Oil—Refined oil higher at 14c@14 $\frac{1}{2}$ c lb.

Soya Bean Oil—Offerings are very scarce and sellers are higher in their views with tanks at the Coast held at 11.60c lb. for crude in tanks; spot named at 12.60c lb. Barrels, spot, 13 $\frac{1}{2}$ c@14c lb.

Animal Oils

Greases—House grease has been in demand and prices have advanced to 9c@9 $\frac{3}{4}$ c lb.; yellow, steady, 8 $\frac{3}{4}$ c lb.; brown, 7 $\frac{3}{4}$ c@8c lb.

Lard Oil—Edible prime and off prime are easier at 18 $\frac{3}{4}$ c lb. and 16c lb. respectively; extra, 14 $\frac{1}{4}$ c lb. and No. 1, 12 $\frac{3}{4}$ c lb.

Neatsfoot Oil—All grades are holding steady with 20° cold test holding at 18 $\frac{1}{2}$ c lb.; pure, 15 $\frac{1}{4}$ c lb. and extra, 13 $\frac{1}{4}$ c lb.

Oleo Oil—No. 1 is easier at 20 $\frac{3}{4}$ c@21c lb.; No. 2 unchanged, 18c lb. and No. 3, 17c lb.

Red Oil—With raw material advancing prices have a stronger tone. Producers are quoting 10 $\frac{3}{4}$ c@11 $\frac{1}{4}$ c lb. for distilled in barrels and 10 $\frac{1}{2}$ c@11c lb. for saponified.

Stearic Acid—Producers are unchanged in their quotations but with raw materials advancing higher prices are anticipated. Double pressed named at 12c@12 $\frac{1}{2}$ c lb. and triple pressed, 14c@14 $\frac{1}{2}$ c lb.

Tallow—The highest prices in four years were reached when sales were made at 9 $\frac{3}{4}$ c lb. Supplies are somewhat limited and with demand from soap makers active the tendency is still upward.

Fish Oils

Cod Oil—Buying is confined to moderate quantities with prices holding at 55c@57c gal. in tanks, spot, and 62c@65c in barrels.

Menhaden Oil—Fishing operations have been moving further South with the arrival of cold weather. Catches continue small and producers have little to offer. Asking prices are being maintained at 57 $\frac{1}{2}$ c@60c gal. for the crude in tanks at works. Refined oils are holding at the recent advance to 70c@72c per gal. for light strained; yellow bleached, 73c@75c per gal., extra bleached, 75c@77c gal.

Sperm Oil—Continues at the latest quotations of 92c@93c gal. for 38° and 90c gal. for 45°, New York.

Naval Stores

Turpentine—Although buyers were showing less interest prices remained steady during the week. A net decline of $\frac{1}{2}$ c was recorded at Savannah to 80c gal. New York price held at 86c@87c, ex-yard.

Rosins—Declines ranging from 20c@25c were recorded during the week. In contrast to the previous week, demand was quiet and prices were bid down in the primary markets. New York prices declined: B to K, \$7.55; M, \$7.60; N, \$8.00; WG, \$8.50; WW, \$9.00.

The firm of Fr. Gruner, A.G., has obtained a German patent for making toilet soaps by a new process, which is characterized by differently colored perfumed soaps in powdered form being separated according to their different kinds, and pressed together to form one mass. The pieces are first separated by means of withdrawable partitions, and on the removal of the partitions, the pieces of soap lie close together.

The will of John Aspegren, head of Aspegren & Co., commission merchants, was filed for probate on Saturday, Nov. 15. The estate includes \$100,000 in realty and more than \$50,000 in personal property. The widow, Lucille B. Aspegren, of 3 East Ninety-fifth st., receives the entire estate and is named as executrix.

B. T. Babbitt, Inc., New York, has been freed of the charge of unfair methods of competition by means of guaranteeing against price declines in its products. The Federal Trade Commission dismissed the complaint.

An inquiry (42638) has been received by the Philadelphia Commercial Museum from Manuel Barreto, Royal Bank building, San Juan, Porto Rico, wishing to get in touch with American manufacturers of soaps.

The United States is the largest purchaser of levigated red oxide of iron from Spain, with Great Britain next in importance. In 1923 the amount imported from Spain was 13,511,325 lbs., valued at \$253,556.

Exports of sticklac from Singapore to countries outside of the British Malaya during August were 45.68 tons, valued at \$54,219, of which the United States received 31 tons and United Kingdom 5 tons.

J. A. Ryan has resigned from Lockwood & Co., refined vegetable oils, New York, and has joined the sales staff of C. F. Simonin's Sons, Inc., vegetable oil refiners, Philadelphia.

California Sea Products Co. made the largest catches of whales this season since the establishment of its plant at Monterey, Cal.

TURPENTINE AND ROSINS STEADIER

(Special Correspondence to DRUG & CHEMICAL MARKETS)

Savannah, Ga., Nov. 17.—Turpentine closed the week steady, 80c, showing a decline of $\frac{1}{2}$ c during the week. Demand has been sufficient to absorb the bulk of the receipts and a steady tone has been maintained in the market. The use of turpentine substitutes is now being felt and it is freely admitted that they are interfering with the demand for pure spirits turpentine. The trade is confident of improved business and consequently higher prices, however, in the near future. Receipts for the week, 2,779 bbls.; sales reported, 1,834 bbls.; shipments, 1,776 bbls.; stock, 11,829 bbls.

Rosins declined during the week owing to a lull in buying and freer offerings. Competition has been sufficient to hold prices at the lower values. Optimism is prevalent, however, and the trade is anticipating a recovery in buying during the next two weeks. Receipts for the week, 10,492 bbls.; sales, 8,219 bbls.; shipments, 7,530 bbls.; stock, 81,500 bbls.

Jacksonville, Nov. 15.—Turpentine closed steady, 80 $\frac{1}{2}$ c, a slight decline from 81c of a week ago. Buyers are holding off or bidding considerably under the market. Stocks, 22,671 bbls. Rosins closed firm, bids slightly under and at the market being refused. Stocks, 105,824 bbls.

Factories making cleaning and polishing preparations (not including soap) reported a total output in 1923 valued at \$35,443,130, of which amount \$20,178,113 was contributed by establishments whose products of chief value were cleaning preparations, \$3,493,661 by those whose output consisted principally of metal polish, and \$11,771,356 by establishments which reported other polishing preparations as their leading products. The total value of products represents an increase of 52.9 per cent as compared with 1921, the last preceding census year, according to the Department of Commerce. The classification covers preparations for cleaning and polishing furniture, floors, wall paper, gloves, metal ware, and cars; washing, ironing, sweeping, and scouring compounds; laundry and floor wax; pumice stone and tripoli; automobile body polish; paint and varnish removers, rust and stain removers.

The Foreign Trade Bureau, Philadelphia Commercial Museum, Philadelphia, has received an inquiry (42,600) from a concern at Karachi, India, desirous of getting in touch with American manufacturers of paints, oils and colors. And an inquiry (42,597) from a concern at Manizales, Columbia, interested in reaching manufacturers of paraffin and shoe polish.

American prepared paint products have taken the leading place in the Spanish market although Great Britain is a prominent factor. Paints are used for interior wall decoration in many of the Spanish cities due to the fact that the damp climate saturates the walls and makes it impossible to use wall paper with any degree of satisfaction.

E. I. du Pont de Nemours & Co. have acquired a controlling interest in Flint Varnish & Color Works, Flint, Mich. The capacity of the Flint plant will be doubled for specializing in du Pont automobile finishing products, the manufacture of which will be transferred from Eastern plants.

Exports of palm oil from Nigeria during 1923 were 99,000 tons, valued at £2,500,000, and palm kernels exports were 223,700 tons, valued at £3,500,000.

Atlas Powder Co., through its subsidiary Zapon Co., is marketing a new finish for automobiles and furniture which should cut down the time of finishing at least 50%.

Chemicals for Consuming Industries

Heavy Chemicals, page 1560, Tan and Dyestuff, page 1577, Fatty Oils, page 1575

STRONG UNDERTONE IN CHEMICAL PRICES

Small Stocks in Consumers' Hands Reason for Stronger Tone—Rise in Metals Affecting Derivatives—Contracting Season Under Way—Look for Active Demand From Consuming Industries—Chemicals Not Following Stock Market

Reasons for a stronger undertone in chemicals are being laid to the fact that stocks in consumers' hands must be lowest in history of the chemical industry. For the past year consumers have been pursuing a conservative policy and only taking supplies sufficient for their immediate requirements. This policy has tended to keep stocks at a minimum and orders for additional supplies have been accompanied with requests for immediate delivery. With the passing of election and the assurance of unchanged political policy over the next four years, business appears to be getting under way for a period of increased production and consumption. The activity in the stock market is pointed out as an indication of the trend of business. While chemicals have shown no sudden increase in the volume of business, buying already is on a broader scale. Contract business is now flowing into manufacturers offices. Price changes have become more numerous and the advances have been outnumbering the declines.

Agricultural Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acid Sulfuric, 66° .....ton	\$14.00	\$14.00	\$14.00	\$15.00	\$35.00	\$20.00
Ammonium Sulfate, 100lbs.	2.55	2.65	2.50	3.00	7.75	2.65
Arsenic .....lb.	.06½	.06¼	.07¼	.12	.18	.04
Copper Sulfate .....100 lbs.	4.60	4.60	4.60	5.00	20.00	4.50
Paris Green .....	.25	.25	.25	.29	.50	.11
Potash Muriate, 90%...ton	31.10	31.10	31.10	35.55	475.00	39.57
Potash Sulfate, 90%...ton	41.27	41.27	41.27	45.67	440.00	48.07
Phosphate Rock, 68%...ton	2.25	2.25	2.25	3.25	11.00	3.00
Phosphate, Acid, 16%...ton	9.00	9.00	8.25	8.00	21.00	15.00
Sodium Nitrate .....100lb.	2.42½	2.42½	2.45	2.45	5.00	1.90
Average	10.764	10.764	10.682	11.780	103.50	13.84

Little activity was reported in fertilizers during the past week and dealers seemed to be marking time in anticipation of an increase in business, although none could be definitely forecast before next month. Fish scrap, being scarce, gained in price for the dry, which

was reported at \$4.95 and 10c at works. Small business was reported in this item, however, due to the high price, although some contract business was reported closed.

Ammoniates—Dried blood remains the same at New York and Chicago, being quoted at \$3.75; steamed bone remains unchanged at \$22@23, Chicago, and raw at \$33 ton, New York; fish scrap is scarce and dried is higher, \$4.95 and 10c at works, while acid is \$3.75 and 50c; tankage has weakened and is now quoted at \$3.30 and 10c at New York, and \$3.25 and 10c to \$3.40 and 10c, Chicago.

Ammonium Sulphate—Continues dull on spot buying at \$2.65@2.70 for bulk at works for the domestic material. Contract deliveries are being made regularly and supplies are not too plentiful.

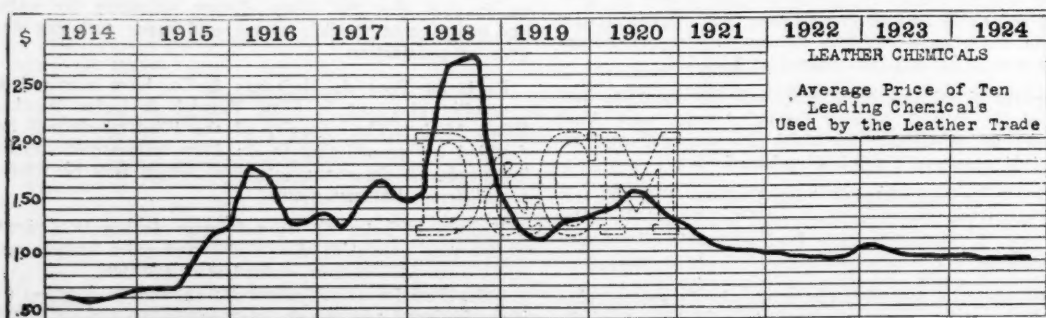
Sodium Nitrate—A further advance has been recorded this week in futures although spot goods have remained the same. Sterling has been fluctuating with higher tendencies but this has not affected spot material. Quotations are given at \$2.42½ for spot and \$2.45@2.47 per 100 lb. for Jan.-March deliveries.

Acid Phosphate—Makers continue to name \$9.00 per ton for guaranteed 16 per cent material with \$8.75 per ton still being quoted in other quarters. Fairly good spot business reported, although practically all shipments are being made on contract business by which large consumers are covered. Prices quoted are at works at Baltimore.

Potash Salts—Market remains quiet but steady with little active interest being displayed. Some new business reported but shipments for domestic accounts make up the major part of the business. Muriate quoted at \$34.55 per ton, basis 80 per cent; sulfate, 90 per cent, \$45.85; manure salts, 30 per cent, \$26.35; discounts up to 10 per cent for 500 tons.

Insecticides and Fungicides

Arsenicals—Arsenic was weaker this week due to a continued lack of interest, and sales were reported in some quarters at 6c lb. for the spot material, while most factors quoted 6¼c lb. Shipments from Japan continue to be quoted at 6c lb. Calcium arsenate remained nominally at 8c lb. with no sales reported. Buyers and speculators continue to display little, if any, interest in arsenic products.



Copper Sulfate—The general firming up of the copper market with its general tendency toward higher prices has been reflected in the market on copper sulfate, with the result that higher prices for Spring delivery are predicted in practically all quarters. No advance has been recorded as yet and the imported material remains unchanged at \$4.40 for carlots, although limited quantities have been available in some quarters at \$4.30. Domestic goods are unchanged at \$4.65 per 100 lb. Copper carbonate continued dull at 16c@17c lb.

Leather Chemicals

Trend of the Market

Acid, Acetic, 28%	\$3.12	\$3.12	\$3.12	\$3.38	\$17.00	\$1.50
Acid, Formic, 90% .....	.12	.12	.13	.12½	1.50½	.07
Acid, Lactic, 22% dark.....	.05	.05	.05	.04½	.07	.02
Potassium Bichromate .....	.08¾	.08¾	.08¾	.09½	.65	.06¾
Epsom Salt, tech.	1.70	1.70	1.70	1.75	3.75	1.00
Sodium Prussiate, Imp.....	.09¼	.09¼	.09¼	.13½	1.25	.18
Soda Ash, 58% wks.....	1.38	1.38	1.38	1.45	4.10	.60
Sodium Bichromate .....	.06¾	.06¾	.07	.07¾	.45	.04¾
Sodium Hyposulfite, pea..	2.50	2.50	2.50	2.75	3.75	1.80
Sodium Sulfide, 60% wks..	.03½	.03½	.03½	.03¾	.10¼	.02¼
Average .....	.925	.925	.925	.989	3.267	.528

A little broader movement is reported in leather chemicals and inquiries are becoming more numerous. No important price changes are noted in the chemical groups. Imports of tanning materials are increasing and relieving the tight situation in some of the items. Gambier continues scarce and higher in price. Fish oil is moving toward higher levels. Tallow and animal oils are again strong.

Acids—More interest and better buying are reported in the acid group. Acetic is holding at \$3.12@3.37 as to quantity in barrels; 56%, \$5.85@6.10; glacial, \$11.01@11.76; formic is moving at 11c@12c lb.; lactic acid is firm at 5c@5½c lb. for dark 22%, and for light; 44% dark, 10c@10½c lb., and light, 12c@12½c lb.; oxalic is unchanged, 9½c@10c lb.; mineral acids are moving in good volume at unchanged prices.

Alkalis—With 1925 contract prices settled makers are now busy placing contracts for next year deliveries. The prices are the same as those which have been in effect this year. Contracts are reported coming in well and the bulk of this business will soon have been placed. The price schedule in ash calls for \$1.38 for carlots of 58% light in carlots of bags on contract at works; barrels, \$1.63, bulk, \$1.25. L.c.l. business in metropolitan district holds at \$2.04@2.19 for bags delivered and \$2.29@2.44 in bbls. Caustic soda on contract, \$3.10 for carlots of 76% solid on contract at works; ground and lake, \$3.50; spot works 10c higher. L.c.l. business, New York, \$3.76@3.91 for solid delivered, and \$4.16@4.31 for ground and flake.

Chemicals—Interest in chemicals has improved slightly but no changes of importance have occurred. Imported sal ammoniac is moving at 6c lb. spot while domestic is named at 7½c lb. for the white material. Sodium and potassium bichromate are holding at the recent price schedule of 6½c@6¾c lb. for the soda and 8½c@8¾c lb. for the potash; red arsenic is holding at 15c@15½c lb.; Glauber's salt is unchanged, \$1.25@1.50 as to quantity; Epsom salt moving at \$1.35 for imported technical and \$1.75 for domestic; sodium hyposulfite is steady, 2½c@3c lb.; sodium sulfide has been in better

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PLANTS Marquette and Antrim, Mich.

demand; crystals held at $2\frac{1}{4}c@2\frac{1}{2}c$ lb., and solid, $3\frac{1}{4}c@4c$ lb.

Tanning Materials—Imports were fairly heavy last week, 4,200 bags of sumac and 1,600 bags valonia arriving. Demand has been increasing steadily and is finding supplies limited in some quarters. Sumac held at \$165@\$170 ton; myrobalans, \$42@\$44 ton for R1 and J2; valonia, cups, \$32@\$33 ton, and wattle bark, \$37@\$38 ton. Chestnut extract, $1\frac{3}{4}c@2c$ lb. for 25% in tanks; gambier is moving higher; common held at $12\frac{1}{2}c@19c$ lb., spot; hematine crystals, $12c@20c$ lb.; logwood extract, $7c@9c$ lb.; myrobalans, $4c@5c$ lb.; quebracho, $3c@3\frac{1}{2}c$ lb. for liquid, and $4\frac{1}{2}c@5c$ lb. for solid; sumac, $6c@7c$ lb. for liquid, and $11c@12c$ lb. for stainless.

Paper Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.40	\$2.40	\$2.40	\$2.40	\$3.50	\$1.50
Bleaching Powder	1.90	1.90	1.90	1.50	9.50	1.50
Casein .....	.10%	.10%	.10%	.15%	.28	.20
China Clay, Dom.	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c/l Cyl. ....	.05%	.05%	.05%	.04%	.50	.08
Salt Cake	19.00	19.00	19.00	21.00	80.00	11.00
Sodium Silicate, 40% .....	.80	.80	.80	.80	1.75	2.00
Soda Ash	1.38	1.38	1.38	1.45	4.10	.69
Sulfur	18.00	18.00	18.00	18.00	65.00	20.00
Rosin F grade	7.60	7.75	6.75	5.80	4.50	20.25
Average	6.124	6.139	5.839	6.444	13.30	5.50



Manufacturers of paper chemicals are busy now on contract business for next year. Consumers of bleach-

ing powder and chlorine are hesitating over the 1925 prices and some contracts are slower in coming through. Last year contracts were made below production costs.

Alkalis—With 1925 contract prices settled makers are now busy placing contracts for next year deliveries. The prices are the same as those which have been in effect this year. Contracts are reported coming in well and the bulk of this business will soon have been placed. The price schedule in ash calls for \$1.38 for carlots of 58% light in carlots of bags on contract at works; barrels, \$1.63; bulk, \$1.25. L.c.l. business in metropolitan district holds at \$2.04@\$2.19 for bags delivered and \$2.29@\$2.44 in bbls. Caustic soda on contract, \$3.10 for carlots of 76% solid on contract at works; ground and lake, \$3.50; spot works 10c higher. L.c.l. business, New York, \$3.76@\$3.91 for solid delivered, and \$4.16@\$4.31 for ground and flake.

Bleaches—Makers are now booking contracts for 1925 delivery. In some cases buyers are hesitating in contracting at the new prices, which are considerably higher than those at which contracts were made last year. Bleaching powder prices are named at \$1.90 for carlots of large drums on contract at works; spot works, \$2.00 in carlots; l.c.l. business, \$2.05 on contract, \$2.15 spot works. Small drums, contract, \$2.15 in carlots and \$2.30 l.c.l. Liquid chlorine on contract, 4c lb. in tanks, works, and $4\frac{1}{4}c$ lb. spot works; carlots of cylinders, $5\frac{1}{2}c$ lb. contract, and $5\frac{3}{4}c$ lb., spot works; l.c.l. quantities over ton lots, 7c lb. contract, and $7\frac{1}{4}c$ lb. spot works; less than ton lots, 8c lb. contract, and $8\frac{1}{4}c$ lb. spot works.

Chemicals—Little change in the price situation. Aluminum sulfate holding at \$2.25@\$2.35 for the iron-

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Epsom Salts
Ammonium Phosphate
Phosphoric and Formic Acids

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free and \$1.30@1.35 for the commercial; blanc fixe named at \$75@\$80 ton; sodium silicate held at 75c in tanks, and 80c@85c in drums; sodium bisulfite, 4c@4½c lb.; salt cake, \$18@\$20 ton.

Sizings—Odd lots of casein are offered slightly under the market which is quoted at 10½c lb. for domestic and imported material. Rosins eased off slightly during the week but appear to be recovering as buying becomes active again. B to M, \$7.60; N, \$8.00; WG, \$8.50; WW, \$9.25.

Rubber Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Antimony Sulfide Crim....	\$39	\$39	\$39	\$35	\$45	\$35
Carbon Bisulfide .....	.06	.06	.06	.06	.50	.10
Carbon Black .....	.09	.09	.12	.15	.30	.14
China Clay, Imp.....	16.00	16.00	16.00	16.00	20.00	14.00
Hexamethylene .....	.82½	.82½	.82½	.97	1.35	..
Iron Oxide, Span. ....	.03	.03	.03½	.04	.04½	.05
Lithopone .....	.06½	.06½	.06½	.06	.08	.04
Sulfur	3.05	3.05	3.05	2.50	6.50	2.75
Whiting, Dom.	14.00	14.00	14.00	18.00	30.00	11.00
Zinc Oxide, Amer. ....	.08	.08	.08½	.07	.09½	.09
Average	3.458	3.458	3.464	3.820	5.981	..

Scarcity in imported whiting has caused some concern among importers. They state that in the producing areas, rains have made it almost impossible to mine the material. Movement in the general line of rubber chemicals has not shown any improvement over the week previous. Buyers do not appear to be anticipating their requirements. Sellers, however, look for

better than routine business throughout the balance of the year.

Acid—Acetic is routine at \$2.12@\$3.37 cwt. for 28 per cent material; \$5.85@\$6.10 for 56 per cent; \$8.19@\$8.44 for 80 per cent, commercial; and \$11.00@\$11.75 for glacial goods.

Accelerators—Most of the business has been routine with the exception of diphenylguanidine, which has been showing an increasing demand from rubber manufacturers. Still quoted at \$1.10@\$1.15 lb. spot as to quantity. Aniline oil is quiet at 16c@17c lb. works, and 17c@18c lb. spot. Hexamethylene is quiet at 82½c@85c lb. spot as to quantity. Quinoidine is routine at 40c lb. spot in drums. Thiocarbanilide is steady at 27c@29c lb. spot.

Colors and Compounding Materials—Activity in imported whiting has featured the week's market. Quoted firm at \$18@\$19 ton for imported, and \$13@\$15 ton works for domestic material. Antimony sulfurette is quiet at 19c@24c lb. spot for golden, and 39c@50c lb. for crimson. Blanc fixe is steady at 4c@4½c lb. f.o.b. New York. Carbon black is in active demand for export. Quoted at 9c@10c lb. spot for l.c.l. in cases for ordinary; 10c@11c lb. for air floated; and 9c@10c lb. for compressed material. Works is still named at 6c lb. in c.l. Magnesium carbonate is named firm at 7½c lb. spot, and calcined at 5½c@6c lb. Talc is active at \$14@\$15 ton works or \$25@\$26 ton ex-warehouse for domestic; French, \$40@\$45; and Italian, \$60@\$80 ton.

Mineral Rubber—Little interest is being manifested at the moment. Quoted at \$35@\$75 ton as to quality.

Solvents—Prices are firm, and sellers report an active

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business. C.P. acetone named at 16c@17c lb. works. Pure benzene is firm at 30c gal. in drums, and 25c gal. in tanks. Ninety per cent material is quoted at 23c gal. in tanks, and 28c gal. in drums. Carbon bisulfide is in steady demand at 6c@6½c lb. spot. Carbon tetrachloride is in keen competition at 6c@6½c lb. spot.

Sulfur—Quoted at \$3.05@3.30 cwt.; and superfine, \$2.50@2.90 cwt. Sulfur chloride is steady at 6c@7c lb. spot for red, and 5c@6c lb. for yellow.

Goodyear Tire & Rubber Co. has purchased for \$25,000 the trade marks and good will of Marathon Tire & Rubber Co. A line of mechanical rubber goods will be manufactured by the Goodyear company and sold under the "Marathon" mark.

Textile Chemicals

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre. War
Acid, Acetic, 28%	\$3.12	\$3.12	\$3.12	\$3.28	\$17.00	\$1.30
Acid Oxalic .....	.09½	.09½	.09½	.11¼	.70	.07½
Bleaching Powder	1.90	1.90	1.90	1.25	9.50	1.50
Copper Sulfate	4.68	4.65	4.60	5.00	20.00	4.50
Epsom Salt, U.S.P.	2.15	2.15	2.15	2.15	4.25	1.50
Glauber's Salt	1.25	1.25	1.25	1.30	2.80	.80
Potash, Caustic, Imp. ....	.07¼	.07¼	.06¼	.07¼	.87	.12
Soda Ash, 58% wks.	1.38	1.38	1.38	1.38	1.10	.69
Soda Caustic, 76% wks.	3.10	3.10	3.10	3.10	9.50	1.80
Sodium Bichromate .....	.06¼	.06¼	.06¼	.07¼	.45	.04¼
Average	1.783	1.783	1.783	1.795	4.800	1.42

The announcement of alkali and bleach prices has been the most important development in recent weeks. Contract business in these products is now going on.

Lead acetate has been advanced following the recent rise in lead metal. Potassium permanganate has advanced sharply.

Acids—More interest and better buying are reported in the acid group. Acetic is holding at \$3.12@3.37 as to quantity in barrels; 56%, \$5.85@6.10; glacial, \$11.01@11.76; formic is moving at 11c@12c lb.; lactic acid is firm at 5c@5½c lb. for dark 22%, and for light; 44% dark, 10c@10½c lb., and light, 12c@12½c lb.; oxalic is unchanged, 9½c@10c lb.; mineral acids are moving in good volume at unchanged prices.

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Yellow Prussiate of Soda Yellow Prussiate of Potash

A new method of production ensures the highest purity, in small crystals as well as large.

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and \$2.30 l.c.l. Liquid chlorine on contract, 4c lb. in tanks, works, and 4¼c lb. spot works; carlots of cylinders, 5½c lb. contract, and 5¾c lb., spot works; l.c.l. quantities over ton lots, 7c lb. contract, and 7¼c lb. spot works; less than ton lots, 8c lb. contract, and 8¼c lb. spot works.

Chemicals—A sharp advance in potassium permanganate to 15c lb. from 13c lb. has been a feature of the week. Producers of lead acetate have announced higher prices and now quote the white crystals, 15½c lb., an advance of 1c lb.; imported sal ammoniac moving at 6c lb. Copper sulfate is firm and apparently due for higher prices owing to the advance in metal; Glauber's salt is unchanged, \$1.25@1.50; Epsom salt, \$1.35 for imported technical, and \$1.75 for domestic; caustic potash, 7¼c@7½c lb., spot; potassium prussiate, 16¼c@17c lb. for yellow; potassium bichromate, 8½c@9c lb.; sodium acetate, 4¾c@5c lb.; sodium nitrite, 9¼c@9½c lb.; sodium prussiate, steady, 9c@9¼c lb.; sodium sulfide, crystals, 2¼c@2½c lb.; tin crystals holding 37½c@38c lb.

Starches and Dextrines—Sales have been increasing as demand from textile mills continues to improve. Prices are being maintained at former levels of \$4.82@4.92 for British gum; white dextrine, \$4.52@4.62; yellow, \$4.57@4.67; potato, 8c@8½c lb.; powdered starch, firm, \$3.97@4.07; pearl starch, \$3.87@3.97; potato starch, 5½c@6c lb.; sago flour, 3¾c lb.

Firestone Cotton Mills, Fall River, Mass., has been incorporated with capital of \$5,000,000. The company will manufacture textiles. The incorporators are: Bernard M. Robinson, Akron, O.; Roger F. Hooper, Boston; Franklin King, Brookline, Mass.

TEXTILE CHEMISTS MEET DEC. 6

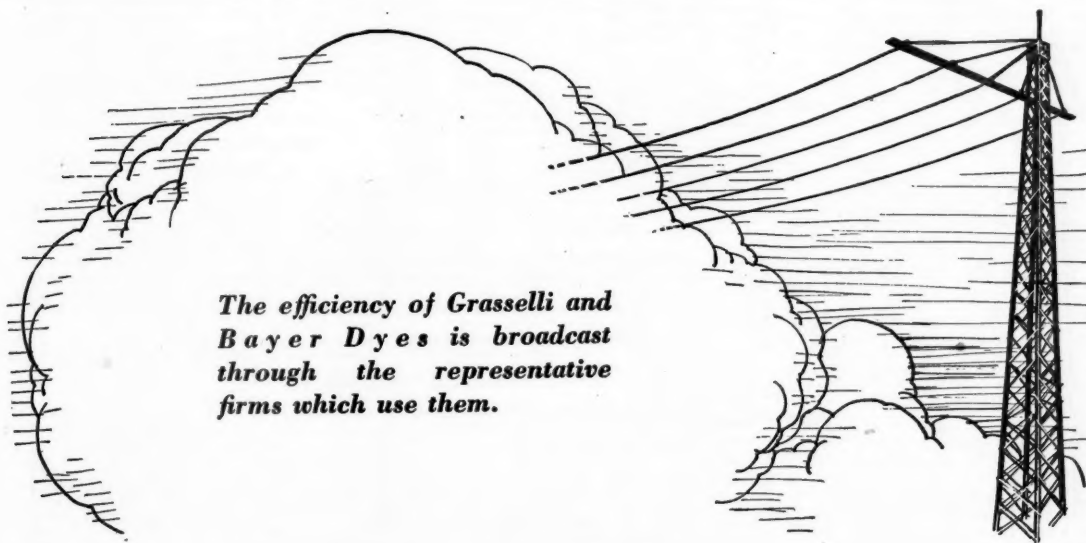
(Special to DRUG & CHEMICAL MARKETS)

Philadelphia, Nov. 19.—The Philadelphia Section of the American Association of Textile Chemists and Colorists announces that the speakers at the annual banquet at the convention of the national association to be held in the Bellevue-Stratford, on Dec. 6, will be Mayor W. Freeland Kendrick; Charles J. Webb, president Philadelphia Textile Manufacturers' Association; Professor Louis A. Olney, of Lowell (Mass.) Textile School; and Warren E. Emley, chemist in charge of the textile work of the Bureau of Standards, Department of Commerce, Washington.

Dr. R. E. Rose, in charge of the technical laboratory of the E. I. du Pont de Nemours & Co., president of the association, will act as toastmaster. The dinner will be preceded by a day given over to the technical side of the textile chemical industry.

Notices of wage reductions of 10 per cent, effective next Monday, Nov. 24, were posted on Monday, Nov. 17, by nearly every cotton mill in Maine, according to information received here. The principal mills announcing reductions are the Pepperell, York, Bates, Edwards, Cabot, Androscoggin, Continental, Hill, Lewiston Bleachery and Dana Warp mills. They represent a capital investment of close to \$25,000,000, operate nearly 1,000,000 spindles, and employ about 10,000 operatives.

Aragon Baldwin Mills is the name of a new company formed by the consolidation of Aragon Mill, Rockhill, N. C., Baldwin Mills, Chester, N. C., and Glenn Lowry Mfg. Co., Whitmore, N. C. The new company will be capitalized at \$6,145,000.



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Sole Importers of Colors manufactured by the Farbenfabriken vorm. Fried. Bayer & Co.
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San Francisco

DYE IMPORTS HEAVIEST OF YEAR

(Continued from Page 1530)

DYE IMPORTS HEAVIEST OF YEAR			Schultz			Dye and Maker			Quantity Pounds			Helindone yellow IRK-M			Quantity Pounds		
(Continued from Page 1530)			Schultz			Dye & Maker			Quantity Pounds			Helindone yellow IRK-M			Quantity Pounds		
843	Indanthrene blue GC	110	906	Ciba red G (s.s.)	1,100	Helindone brown D vat-ne-C	500	Hydron brown (s.s.)	15,266	Hydron brown G paste-ne-C		Hydron brown G pdr.-ne-C		Hydron brown R paste-ne-C		Hydron brown R pdr.-ne-C	900
	Cibanne blue G pdr.-I	110	907	Ciba scarlet (s.s.)	5,179	Hydron orange (s.s.)	19,080	Hydron orange R paste-ne-C		Hydron orange BF paste-ne-C		Hydron orange KF pdr.-ne-C	27,498	Hydron pink (s.s.)		Hydron pink FB paste-ne-C	255
	Vat blue GC dbl. paste (s.s.)-By	1,000		Ciba scarlet G extra paste-I		Hydron pink F pdr.-ne-C	5,780	Hydron scarlet (s.s.)		Hydron scarlet BB paste-ne-C		Hydron scarlet BB pdr.-ne-C		Hydron scarlet 3B paste-ne-C		Hydron scarlet 3 B pdr.-ne-C	900
844	Algal blue 3G (s.s.)	5,658		Thioindigo scarlet 2G paste-K		Hydron sky blue FK paste-C		Hydron wool brown G vat-ne-C	5	Hydron wool olive B vat-ne-C	5	Hydron wool olive BF vat-ne-C	5	Hydron wool yellow G vat-ne-C	1,300	Indanthrene black BGA (s.s.)-B	200
	Vat blue 3G paste-B			Helindone fast scarlet C paste-M	1,000	Indanthrene blue BCD (s.s.)	488	Vat blue BCD dbl. paste-B		Indanthrene blue BCS (s.s.)	19,603	Vat blue BCS pdr.-C	400	Indanthrene brilliant blue R (s.s.)		Vat brilliant blue R pdr.-B	3,348
	Vat blue 3G paste-fine-B			Ciba red R paste-I	2,204	Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat blue 3G paste-ne-By			Helindone pink AN paste-M		Indanthrene olive R paste-M	500	Indanthrene pink (s.s.)	10,403	Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Thioindigo rose RN extra paste-K	2,205
	Vat blue 5G pdr.-ne-B			Helindone pink BN paste-M		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat blue 5G pdr.-By			Thioindigo red 3B paste-K		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
849	Indanthrene yellow (s.s.)	8,708		Vat red violet RH-B		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Helindone yellow IG dbl. paste-M			Ciba bordeaux B paste-I	331	Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Indanthrene yellow G dbl. paste-B			Helindone violet (s.s.)	250	Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat yellow G dbl. paste une-B			Helindone violet R pdr.-M		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat yellow GP paste-B			Ursol	480	Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat yellow GT paste-B			Fur brown NZ-ne-A		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
851	Alizarin direct blue B-M	200		Fur gray ALA-A		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
852	Alizarin direct violet R-M	610		Fur gray B-ne-A		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin direct violet R pdr.-By			Fur yellow 4G-A		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue JR-ne-By			Nako gray B-M		Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
853	Anthraquinone violet pdr.-B	397				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Anthraquinone violet pdr.-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
854	Alizarin viridine FF paste-By	1,279				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
855	Alizarin pure blue	2,810				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue SKY-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin sky blue B pdr.-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
856	Alizarin astrol	2,761				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin astrol B pdr.-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue AS pdr.-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
858	Alizarin sappirol B	12,802				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin light blue B-C-S					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin light blue SE-C-S					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue SAWSA-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin sappirol WSA-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin sappirol WSA-C-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
860	Cyananthrol G	1,548				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin direct blue BGAO-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
861	Anthraquinone blue SR extra-ne-By	55				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue black	12,986				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue black B pdr.-C-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue black B pdr.-M					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin blue black 3B pdr.-C-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
864	Anthraquinone green GXNO-ne-B	373				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
865	Alizarin direct green G	531				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin brilliant green G-C					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin cyanine green G-C-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
867	Indanthrene brown B paste	440				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Anthra brown B paste-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
868	Cibane brown B (s.s.)	721				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Cibane brown B paste-I					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Cibane brown pdr.-I					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
869	Algal brown B (s.s.)	9,408				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Helindone brown IR paste-M					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat brown R paste-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat brown R pdr.-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
870	Algal corinth K	1,610				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat corinth RK paste-ne-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat corinth RK pdr.-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat corinth RK pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
871	Indanthrene red violet RRN (s.s.)	1,338				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat red violet RRK paste-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat red violet RRK pdr.-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Vat red violet RRK paste-fine-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
876	Indigo, white	231				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Indigosol-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Indigosol O-DH					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
881	Ciba blue 2B (s.s.)	1,581				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Brilliant indigo 4B pdr.-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Brom indigo FB pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Brom indigo FBP pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Indigo MLB/4B pdr.-M					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Brom indigo FBP paste-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
883	Indigo KG (s.s.)	500				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Indigo MLB/6B pdr.-M					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
885	Brilliant indigo BD	2,236				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Brilliant indigo B paste-ne-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
893	Alizarin indigo G (s.s.)	13				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo G paste-B					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo G pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
894	Alizarin indigo B	420				Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo B pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo green B paste-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo green B paste-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
	Alizarin indigo green B pdr.-By					Indanthrene green (s.s.)		Anthra pink B extra paste-ne-B		Anthra pink R extra paste-E		Vat pink B dbl. paste-B		Vat rose B extra paste-B		Helindone pink IB pdr.-M	434
895	Alizarin indigo 3																

Dye & Maker		Quantity Pounds
Benzo fast heliotrope	320	
Berzo fast heliotrope 2 RL-By		
Benzo fast heliotrope 4 BL-By		
Benzo fast orange 2 RL-By	100	
Benzo red 12 B-c-By	50	
Brilliant benzo violet B-n-c-By	640	
Brilliant benzo violet 2 R-By		
Brilliant benzo violet R-A	200	
Brilliant cotton blue R conc-Q	220	
Brilliant sky blue 8 G extra-n-c-By	352	
Chicago red III-c-G	1,839	
Chloramine light violet R conc-n-c-S		
Chloramine violet FFB-n-c-By	200	
Chlorantine fast blue 8 GL-I	110	
Chlorantine fast gray B-I	551	
Cotonair A extra, AV extra-A	320	
Developed indigo blue 4GL-By	540	
Developed brilliant green 3G-Q	108	
Developed light yellow 2 G-Q	55	
Developing pure blue GL-n-c-A	100	
Diamine azo fast green G-n-c	50	
Diamine azo fast red 6 B-n-c	25	
Diamine brilliant scarlet S-n-c	6,500	
Diamine brilliant violet B-C	100	
Diamine catechine B, G-c-C	400	
Diamine fast blue FFB, F 3G-c-C	3,700	
Diamine fast brown 3G-n-c	50	
Diamine fast orange EG, ER-n-c	13,370	
Diamine fast red violet FR-n-c	370	
Diamine fast rose B, G-n-c	1,200	
Diamine fast rubine FB-n-c	300	
Diamine fast yellow 4 G-n-c	50	
Dianil fast violet BL-M	100	
Diazanil blue 2 R-M	1,000	
Diazanil pink B-M	100	
Diazo blue 2 R-n-L	2,205	
Diazo brilliant green 3 G-n-Fy	300	
Diazo brilliant orange GR-By	100	
Diazo brilliant scarlet 2 BL-By	444	
Diazo brown G, 3 R, 3 RB-By	410	
Diazo fast violet BL, 3 RL-n-c-By	200	
Diazo geranine B extra-By	147	
Diazo indigo blue 4 GL extra-n-c-By	1,330	
Diazo rubine B-By	100	
Diazo sky blue 3 G-By	400	
Diazophenyl black V-G	2,205	
Diphenyl fast gray BC-n-c-G	220	
Direct fast orange R-I	110	
Fast cotton gray VL-A	800	
Formal fast black G conc-G	100	
Ionamine red GA-n-c-BD	25	
Minaxo black BBNX-B	200	
Minaxo light black EB-c-B	998	
Minaxo light gray EB-n-c-B	100	
Polyphenyl blue GS-G	4,982	
Posanthrene orange R-I	651	
Sky blue N-C	250	
Triazogene orange R pdr-GrE	100	
Universal heliochrome C-C	5	
Universal heliotrope C-C	5	
Universal light blue C-C	5	
Universal violet C-C	5	
Zambesi black D-A	500	

Sulphur Dyes		Quantity Pounds
Dye and Maker		
Cross dye green B-n-c-BD	731	
Immedial violet C-n-c	850	
Pyrogene brilliant blue 6 B-I	441	
Sulphide brown S-M	100	
Sulphide violet B-M	100	
Sulphur brown CLG-n-c-A	100	
Sulphur corinth CLB-A	25	

Spirit Soluble and Color Lake Dyes		Quantity Pounds
Dye and Maker		
Brilliant helio blue FFR extra-By	8	
Brilliant helio green GG extra-By	8	
Hansa yellow 10 G pdr-M	200	
Helio bordeaux 3BL-n-c-By	200	
Helio fast orange R pdr-B	280	
Paper fast bordeaux B-n-c-By	790	
Permanent red F 3 R extra-A	5	
Spirit fast red 5 B-B	10	
Tero fast yellow FR-B	300	

The Japanese Government will change the present import duty of 35 per cent ad valorem on coal tar dyes to specific rates in yen per kilo, based on various classes of dyes, according to a report received by the Chemical Division of the Department of Commerce from Acting Commercial Attache Butts at Tokyo. The exact rates and the classifications to be employed have not been determined, but import duties will not be increased

above their present levels. It is proposed to continue the present import license system on coal tar dyes.

Only 220 pounds of alizarin and alizarin dyes, valued at \$294, were exported during September. Indigo exports amounted to 2,116 pounds, valued at \$984. Exports of other dyes amounted to 267,506 pounds, valued at \$340,007.

QUOTATIONS ON CHEMICAL STOCKS

Closing Prices for Week Ending Nov. 15

Bid	Asked	Bid	Asked
*Air Reduction	84 1/4	85	
*Allied Chem. & D.	76	76	
*Allied Ch. & D., pf. 110 1/2	117		
*Am. Ag. Ch.	14 1/4	14 1/4	
*Am. Ag. Ch., pf.	38 1/4	38 1/4	
*Am. Chicle	36	36 1/4	
*Am. Chicle, pf.	88 1/4	90	
*Am. Cyan.	91	95	
*Am. Cyan., pf.	76	78	
*Am. Druggist, S.	5 1/4	5 1/2	
*Am. Glue	39	41	
*Am. Glue, pf.	104	108	
*Am. Linseed	20 1/4	20 1/2	
*Am. Linseed, pf.	30	41	
*Am. Metal	48 1/2	48 1/2	
*Am. Zinc	8 1/4	9	
*Am. Zinc, pf.	29 1/4	31	
Archer-Dan-Mid	23	23 1/4	
Archer-Dan-Mid., pf. 87 1/2	89		
*Atlas Powder	49	49 1/2	
*Atlas Powd., pf.	90	91 1/2	
By-Prod. Co.	42	47	
By-Prod. Co., pf.	102	102	
Canad. Ind. Al.	43	44	
Canad. Salt	95	100	
Casolin Co.	62	66	
Celluloid Co.	55	60	
Celluloid Co., pf.	96	99	
Charcoal Iron	20	25	
Ches. Mfg.	47	49	
Ches. Mfg., pf.	112	115	
Clark Co., Fred	7	3 1/4	
Cleve. Cliffs Iron	25	25	
*Com'l. Solv. A.	82	84	
Do. B.	80 1/2	81	
*Corn Products	38 1/2	39	
*Corn Products, pf. 120	124		
*Davison Chem.	41	41 1/4	
Dow Chem. non par.	59	61	
Dow. Ch., pf.	100	101	
Dow Drug Co.	130	175	
Dow Drug Co., pf.	104	106	
*Du Pont de Nem.	132 1/2	133	
*Du Pt. de Nem. Db. 92 1/2	93		
*Eastman Kodak	111	111 1/4	
*Eastman Kodak, pf. 111	111		
*Freepore Tex.	8 1/4	8 1/4	
*Genl. Asphalt	48 1/2	48 1/2	
*Genl. Asphalt, pf.	88	89 1/2	
*Gold Dust	38 1/4	39	
Grasselli	122	124	
Grasselli, pf.	102	103	
Hercules Powder	88	92	
Hercules Powd., pf. 103	103		
Heyden Chem.	2 1/4	2 1/2	
Hooker Electro.	2	2	
Hooker Electro., pf. 18	18		
*Household Products. 33 1/2	34 1/4		
*Int. Agricult.	3 1/4	3 1/4	
*Int. Agricult., new. 5 1/4	5 1/4		
*Int. Agricult., pf. 8 1/4	8 1/4		
*Int. Nickel	20	20 1/4	
*Int. Nickel, pf.	91 1/4	95	
*Int. Salt	74	74	
*Mathieson Alk.	24 1/4	24 1/4	
*Mathieson Alk., pf. 90	95		
MacAnd. & Forbes. 149	150		
MacAndrews & Forbes. 149	150		
Merck & Co., pf.	57	60	
Merrimac	84	86	
Mulford Co.	30	33	
*National Lead	150	160 1/4	
*National Lead, pf. 116	117 1/4		
N. J. Zinc	160	164	
Niag. A., pf.	80	85	
Parke, Davis & Co. 80 1/2	81		
Penn. Salt	80	82	
*Peoples Gas, Chi.	108 1/2	108 3/4	
Procter & Gamble.	100	103	
Procter & Gam., pf. 104	108		
Royal Bkg. Pow.	145	150	
Royal Bkg. Pow., pf. 98 1/2	100		
Shawinigan	4	6	
Shawinigan H.	130	132	
Sherwin-Williams	30	32	
Sherwin-Will., 1st pf. 103 1/2	105 1/2		
*Sterling Prod.	64 1/2	65	
Swan & Finch	20	24	
*Tenn. C. & Chem.	7 1/4	8	
*Tex. Gulf, Sul.	83	83 1/2	
Union Carbide	59 1/4	59 1/4	
*Un. Drug	106 1/2	108	
*Un. Drug 1st pf.	51 1/2	52	
*Un. Dyewood	20	27 1/2	
*Un. Dyewood, pf.	85	85	
Un. Gas Imp.	67	59	
Un. Gas Imp., pf.	86	87	
U. S. Gypsum	127	132	
*U. S. Indus. Al.	85 1/2	85 1/2	
*U. S. Indus. Al., pf. 1 1/4	1 1/4		
*Va. Car. Ch.	1 1/4	1 1/4	
*V. Vivandou	8 1/4	8 1/2	
Will & Baumer	12	14	

*Listed on New York Stock Exchange
Unlisted Stocks Through Courtesy Pynchon & Co.

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling)	\$4.866	\$4.62
France (franc)	193	.053
Italy (lira)	193	.043
Germany (mark) per hundred	28.80	
Czechoslovakia (crown) per hundred	20.30	.029
Poland (zloty)	193	.192
Japan (yen)	499	.383
Holland (florin)	402	.400
Spain (peseta)	193	.136
Belgium (franc)	193	.048
Switzerland (franc)	193	.192
Norway (krone)	268	.148
Sweden (krone)	268	.268
Denmark (krone)	268	.176
Argentina (peso)	424	.378
Brazil (milreis)	324	.116
India (rupee)	485	.343
China (Silver dollar, Hongkong)	789	.533
(Tael-Shanghai, silver)	1.986	.768
(Tael-Peking, silver)	1.156	.795

R. G. Dun & Co. report 696 commercial failures in the United States during October, against 1,306 in September, exceeding any month since May. For the ten months ended October, 1924, failures totaled 16,922 compared with 15,173 for the corresponding period in 1923.

Tower Manufacturing Corp. increased its quarterly disbursement by ordering the payment on Feb. 1 to stock of record Jan. 15 of 75 cents a share. The company paid 50 cents a share last quarter.

New Incorporations

In the Chemical, Drug, Oil Producing and Consuming Fields

Parbo Research Laboratories, Cleveland, O., 1000 shares common stock, no par value, \$50,000 preferred stock. Wendell Hebruck, F. B. Melchior, N. I. Maher.

White Swan Laundry, Orange, N. J., \$50,000. R. E. Giordano, Orange.

Bass Chemical Engineering Co., Wilmington, Del., \$500,000. Manufacture disinfectants. Corporation Trust Co. of America.

Capital Tire Co., Wilmington, Del., \$50,000. Manufacture. Corporation Service Co.

Warren Cotton Oil Co., Montgomery, Ala., \$100,000. J. T. Stevens, E. T. Allen.

Chicago Foundation Medical Clinic, Wilmington, Del., \$500,000. Manufacture chemical and medicinal compounds.

Tripps Blood Remedy Co., Wilmington, Del., \$500,000. Manufacture medicinal and chemical products.

Hillyard Chemical Co., St. Joseph, Mo., \$120,000. H. S. Hillyard, F. D. McKinley, G. W. Groves.

Piedmont Rubber Co., High Point, N. C., \$100,000. L. Butler, D. L. Lewis.

Heyward Fertilizer Co., Charleston, S. C. B. R. Heyward, G. E. Grimball.

Betta Products Co., Brooklyn, N. Y., 1,000 shares preferred stock, \$100 each, 100 shares common, no par value. Paints and varnishes. C. S. Fetterich, A. L. Brand, M. Baxter. Attorney, E. S. Clinch, New York.

Hydro Carbon Refining Process Co., New York, 200 shares common stock, no par value. J. Kahn, H. Abrams, H. Bernstein. Attorneys, Kahn & Zorn, New York.

Lowe & Harmon, Cedarhurst, N. Y., \$25,000. Druggists. F. A. Lowe, M. D. Harmon, H. D. Karst. Attorneys, Vandewater & Karst, Cedarhurst.

Lubin Perfumery Corp., Wilmington, Del., \$100,000. Manufacture. Corporation Trust Co. of America.

Lake Shore Laboratories, Wilmington, Del. Manufacture proprietary articles. Corporation Trust Co. of America.

Beaver Metal Products Co., Boston, Mass., \$30,000. Metal products and substitutes. Clifton E. Hooper, Wollaston; Herbert L. Tirrell, Belmont; William A. Fitch, Watertown.

Flijt & Co., Boston, Mass., \$100,000. Food products. Alice B. Bonney, Wakefield; Isabella W. Hallett, Everett; Robert T. Russell, Melrose.

Rub-Ce-Co., Boston, Mass., \$62,500. Rubber cement. Aage Ewaldsen, Melrose; Frank M. Stevens and Orlando C. Moyer, Reading.

Sanitary Bandage Devices Corp., Waltham, Mass., \$35,000. Surgical and scientific instruments. Arnold A. Pollak, Watertown, Conn.; John A. Swanson, Waltham; Jack J. Pollak, Boston.

Lexamin Laboratories, Wilmington, Del., \$100,000. Manufacture. Jacob Sklow, Bess Sklow, V. E. Pratt, Richmond Hill, N. Y. Capital Trust of Delaware.

Rubin & Herron, Wilmington, Del., \$100,000. Druggists. Corporation Trust Co. of America.

Laclede Manufacturing & Sales Co., Wilmington, Del., \$100,000. Manufacture articles of iron, steel and brass. Colonial Charter Co.

Atlas Perfumery & Drug Co., New York, \$25,000. Toilet articles. L. H. Raymond, B. Moses, T. Friedlander. Attorney, E. Morganlander, New York.

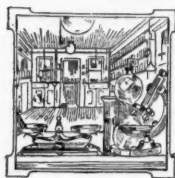
Vivi, New York, \$100,000. Mollie Neuwirth, Rose Nisenshal, Josephine E. Wetherbee, New York. Attorney, M. J. Winston, New York.

Continental Can Co. is to sell 66,000 shares of authorized but unissued common stock now held in the treasury. The right to subscribe is granted to holders of both preferred and common stock alike at \$54 per share up to 15 per cent of their holdings. Stockholders of record as of Nov. 24 are eligible to subscribe.

An extra stock dividend of 35 per cent, an extra cash dividend of \$5 a share, and then the doubling of the annual dividend rate on the common stock of United States Gypsum Co. are announced by the Board of Directors.

An extra dividend of 75 cents a share has been declared by Eastman Kodak Co. in addition to the regular quarterly disbursement of \$1.25 a share. Both dividends are payable Jan. 2 to stock of record Nov. 29.

Lincoln Soap & Chemical Co., Pittsburgh, has increased its capital from \$75,000 to \$500,000 through the Delaware Registration Trust Co.



Drug & Fine Chemical

SECTION



Cash Discounts: Pro and Con

WHY is a cash discount? Is it a premium for cash or a concession to good customers? These questions are asked frequently and with increasing emphasis, and both sides are set forth printed below. The buyer (whose letter is first) is protesting, with his good reasons, that a cheque after ten days should be returned because he had taken the discount. The seller (whose reply follows) sets forth his own position plainly.—The Editors.

October 24th, 1924.

Gentlemen:

Your letter of the 22nd at hand.

What is the use of spending time writing to people who pay their bills? While it is true you allow us 1%, we always looked upon this as a trade discount instead of a cash discount.

Let us figure out how much you have really lost in dollars and cents. The amount of your bill was \$147. We deducted 1% discount or \$1.47. We took ten days more on your bill and therefore what you really lost and we have figured liberally, that is at the rate of 5% and a bank would only allow you 4%, this loss amounts to 21c.

It takes two years to build up an account and it takes two minutes to destroy goodwill.

We ourselves sell our customers on 30 days net or 1% 10 days and if our customer takes the 1% discount after 25, 30 or 35 days, do you think we write him? We do not. We are glad to have his trade and we are glad to get his money. We only write letters to those customers who do not pay their bills, and we naturally assume that other people are as broad minded in conducting their business as we are ourselves.

The goodwill of a customer is something which cannot be transmitted into money value of 21c or 25c.

If you insist upon it we will pay you the \$1.47.

Very truly yours,

October 31, 1924.

Dear Mr. _____:

We desire to reply in a friendly way to your letter of the 24th inst., to express an opinion somewhat different to that as stated by you, i.e., that you look upon the 1% allowed for cash payment as a trade discount. You, of course, will appreciate that the amount involved in this correspondence don't pay you, or us, for the time consumed, and we do not wish, therefore, to prolong the discussion.

We do desire to say, however, that the cash discount we offer for payment within ten days consists of and is really part of our selling terms. If any other terms were intended, such as you now construe them, our invoices would show the deduction of the 1% from the face of the invoice, and the terms would read—"net 30 days."

We agree with your line of reasoning that the 1% for cash payment within ten days is looked upon by buyers in position to take advantage of cash discount as a part of the purchase price. We know and you know that

money is not worth the equivalent of this cash discount, and the system should be abolished, but we cannot do it single handed. And, again, should we undertake to have your construction of the terms applied to our entire business, it would cost us quite a considerable amount every year, as we could not extend such terms to one purchaser unless we would extend the same terms to all of our friends, as we aim to treat everyone of our friends alike in all respects.

America is alone in the use of the cash discount practice, and which, we understand, was forced on the country after the Civil War when, for a period of time, a large part of the currency in circulation was of poor quality, and credit, to a great extent was suspended and good money commanded a premium.

The prudent merchant, therefore, conforming to existing conditions, had recourse to the expedient of paying a premium for money, and which premium was often in excess of rates of discount now commonly employed. The cash discount practice was born then, out of absolute necessity.

No deception was practiced as cash was worth the premium paid for it then, and the method afforded the best means to buy and sell with safety. The system thus established, and commendable under the conditions then existing, is through habit and custom continued more or less to the present day, and can only be discontinued if all others in the same line of business, and selling the same products, would discontinue the practice and agree on time for payment without offering any cash discount whatever for prepayment.

We submit the foregoing for your kind consideration, and naturally will not press you for the difference because of the construction you have placed on our terms, but which we would ask you not to apply to future purchases.

We want your account, and we want your good will, and which latter, as you say, cannot be transmitted into money value.

Yours very truly,

Dynamite glycerin is quoted in the West at 17½c lb. with the possibility of doing 17¼c lb. on firm business, according to Parsons & Petit, New York, who state: "In the East the situation is somewhat stronger due no doubt to smaller stocks. The demand is small, but the situation may change around the first of the year. Better business generally cannot help from having its beneficial effect upon glycerin."

FIGHT AGAINST CRAMTON BILL BEGINS

National Wholesale Druggists' Association Appeals to Members to Write, Telegraph or Call Upon their Senators and Urge the Return of the Bill to the Judiciary Committee for Public Hearings—All Industries Using Alcohol Warned of the Critical Situation

Active work to have the Cramton bill withdrawn from the Senate and returned to the Judiciary Committee for public hearings has been begun by the National Wholesale Druggists' Association which has called upon members to write, telegraph or call upon the two senators from their states before they leave for Washington for the new session of Congress which convenes on Dec. 1. The call of the Association reads:

"Pursuant to the resolutions adopted at the Atlantic City convention of The National Wholesale Druggists' Association, you are now urgently requested promptly to co-operate with the legitimate handlers and users of alcohol in the effort to prevent the passage at the coming session of Congress of the so-called Cramton bill, which deprives us of our right of appeal to the Commissioner of Internal Revenue from drastic and unnecessary regulations issued by the Prohibition Commissioner and transfers the supervision of all users of alcohol, whether non-beverage or denatured, from the experienced Collectors of Internal Revenue and their assistants, who are familiar with the needs of industry, to the Prohibition Directors and their aids, many of whom have been demonstrated to be incompetent, fanatical or dishonest.

"The new session of Congress meets Monday, Dec. 1. The Cramton bill, which was forced through the House in the closing days of the last session by the use of unfair tactics, was smuggled out of the Senate Judiciary Committee without a meeting or hearing upon the measure. It is now on the Senate calendar and may be called up for passage at any time after Congress reconvenes.

"Please write or telegraph immediately to the two senators from your State urging them to use their best efforts to have the Cramton bill withdrawn from the Senate and returned to the Senate Judiciary Committee for public hearings. Address them at their homes.

"This is a reasonable request, as it is the uniform practice of both House and Senate to grant hearings to interested parties on all pending legislation.

"The Cramton bill does not present an issue between the wets and the dries. The only question involved is whether the great industries of the country which use alcohol as a chemical raw material shall continue to obtain their supplies from the experienced and business-like officials of the Internal Revenue Bureau, who are in sympathy with industrial progress, or shall be forced to look for their alcohol to the officials of the Prohibition Unit engaged in policing law violators and who seem to have great difficulty in differentiating between honest business men and potential bootleggers.

"Remember that Congress convenes Dec. 1 and write or telegraph your senators immediately. If possible, call on them before they leave for Washington and urge them to assist us in sending the Cramton bill back to committee."

Walter L. Filmer, secretary of the Chicago Perfumery, Soap and Extract Association, has issued a call to members to take immediate action to bring about public hearings on the Cramton bill. The notice is an extract from an editorial in *DRUG & CHEMICAL MARKETS* under the heading: "Kill the Cramton Bill." Prompt action is urged in order to have the bill returned to the Judiciary Committee at the December session.

DRUG AND FINE CHEMICAL SECTION

LONDON LIKES U. S. TOILET ARTICLES

In a report on the sale of proprietary preparations and toilet articles in Great Britain the monthly bulletin of the American Chamber of Commerce in London says:

"In most lines of toilet preparations American products are very well-known and widely used. The importation of American articles into the British market is undoubtedly much larger than before the war. There was a considerable change in the attitude of the public towards toilet preparations during the war. This psychological change, combined with educational work and advertising, has made for a much larger use of all kinds of toilet requisites.

"Taking these preparations in detail, American face creams and face powders enjoy a ready sale here and are very popular; American dentifrices, including one very important American formula which is manufactured here, practically control the British market, though there are numerous English competitors; manicure specialties on the British market are controlled by American manufacturers; cosmetics are not very largely used in the United Kingdom, but American products are well to the fore; and hair preparations as a whole seem to be dominated by local manufacturers.

"In perfumes, the French have always practically controlled the bulk of this trade. There are a few English firms who find a ready sale, but only a small business is done in American preparations."

DR. WILLIAM H. EMERSON DEAD

(Special to *DRUG & CHEMICAL MARKETS*)

Atlanta, Ga., Nov. 19.—William H. Emerson, Dean of the Department of Chemistry at the Georgia School of Technology and one of the best-known chemists in the United States, died at his home here on Nov. 13 following an illness of more than a year. Dr. Emerson was born June 17, 1860, at Tunnel Hill, Ga. In 1876 he received a Congressional commission to the Naval Academy at Annapolis, and graduated from there with honors in 1880. He served as a naval officer three years, resigning in 1883 to resume his studies of chemistry at Johns Hopkins University. Obtaining a Ph.D. from that institution two years later, he taught at Citadel University until 1888, when he was called to head the chemistry department of the Georgia School of Technology, then opening its doors for the first time.

Dr. Emerson's advance at the Georgia School of Technology was steady and rapid. In 1910, as a tribute to his great ability, he was made Dean of the Department of Chemistry, and 1912 he was awarded the degree of Doctor of Science by the University of Georgia. Dr. Emerson was a member of Phi Kappa Phi, national honorary fraternity; Alpha Tau Omega; the American Chemical Society; the Society for the Promotion of Engineering Education; the Georgia Academy of Science, and of other prominent organizations.

Protests of W. N. Procter Co. and Stone & Downer Co. in reference to the duty assessed on codliver oil were acted upon favorably by Judge McClelland of U. S. Board of General Customs Appraisers. It was claimed by the importers that oil remaining after the pressing of decomposed codlivers at a temperature of from 18 to 20 degrees Fahrenheit is still codliver oil such as is specially provided for in paragraph 1630, act of 1922, and therefore entitled to free entry. The material had been assessed at 20 per cent ad valorem under paragraph 63 of the 1922 act.

Sharp & Dohme have entered judgment against Alexander Shafer for \$93.74 in New York county.

WHO'S WHO— in the Drug Industry

Clarence Mahlon Kline, pres. Smith, Kline & French Co., Phila. Born, Phila., May 29, 1880. Single. Educat.: Scheffeld Scientific School of Yale Univ., Ph.B., 1901. Business: With Smith, Kline & French Co. since 1901; analytical department, 1901-1903; supt. laboratory, 1903-1910; vice-pres., 1910-1921; pres. from on. Member: Rittenhouse Club; Down Town Club; St. Anthony Club; Amer. Chem. Soc.; Soc. of Chem. Industry; Nat'l Wholesale Druggists Assn.; Nat'l Drug Trade Conference; Delta Phi Fraternity. Hobbies: Golf and horses.

Percy Cecil Magnus, pres. Magnus, Mabey & Reynard, Inc., New York City. Born, New York, Oct. 22, 1893. Mar., Margaret Ames, Brooklyn, N. Y., May 22, 1918. Educat., public schools Brooklyn, N. Y. Business: Entered bus. with Metropolitan Trust Co., 1910; employee of Magnus, Mabey & Reynard, 1911-16; president 1916 to date. Trustee East River Sav. Inst.; dir. Caledonian Hosp., Brooklyn. Member: Montauk, Crescent, Riding & Driving Clubs (Bklyn); Drug & Chem. Club (governor, 1924); N. Y. Bd. Trade & Transport. Hobbies: horseback riding and duck shooting.

William Lee Crosby Nichols, sales manager, E. R. Squibb & Sons, N. Y. Born, Thomaston, Me., Nov. 19, 1874. Mar., Gertrude Hayes, Cleveland, O., Oct. 31, 1911. Educat.: Mass. College of Phar., Ph.G. 1897. Business: John Wyeth & Bro., salesman; H. K. Mulford & Co., salesman; E. R. Squibb & Sons, salesman, and from 1907 to present time sales mgr. Member: Chicago Drug & Chem. Assn.; Chicago Drug Club.

George David Rosengarten, vice-pres. Powers-Weightman-Rosengarten Co., Philadelphia. Born, Philadelphia, Feb. 12, 1869. Mar., Susan Elizabeth Wright, Devon, Pa., Apr. 23, 1895. Educat.: Univ. of Pa., B.S. 1890; Jena Univ., Germany, Ph.D., 1892. Business: With Rosengarten & Sons, 1893; vice-pres., 1901; vice-pres., P.-W.-R., 1905 to date. Director, Girard Natl. Bank. Member: 9th and 10th Revision Conv. U.S.P.; Amer. Inst. Chem. Eng. (pres. 1915-17), Amer. Chem. Soc. (councillor-at-large 1915-22, director 1919-22, exec. com. 1923-26), Amer. Phar. Assn., Rittenhouse, Racquet, Merion Cricket Clubs (Phila.), Chemists Club (N.Y.), Cosmos Club (Wash.), Franklin Inst. (Bd. of Mgrs., 1912-24). Hobbies: farming and fishing.

Charles W. Whittlesey, pres. and treas. Charles W. Whittlesey Co., New Haven, Conn. Born, Dec. 18, 1860. Mar., Delia B. Bradley, New Haven, Nov. 25, 1891; died Sept. 25, 1902; second, Mary E. Eastman, Albany, N. Y., Jan. 5, 1910. Educat.: Scheffeld Scientific School of Yale Univ., Ph.B. Business: Pres. Charles W. Whittlesey Co.; director and exec. com. New Haven Nat'l Bank; vice-pres. and director Morris Plan Bank; vice-pres. and dir. Waterville Valley Assn., Inc., New Hampshire; director, Young Men's Institute. Public and War Service: Member City Council, 1891; Chrman. Comm. Regulation War Activities; New Haven War Bureau, 1917-18; Sergeant Sanitary Detachment 2nd Regiment State Guard, 1917-1918. Member: Graduates, Quinnipias, N. H. Country, N. H. Lawn, Drug & Chem (N.Y.) Clubs; N. H. Historical Soc.; Yale Alumni Assn.; (N. H.); Waterville Athletic & Imp. Assn.; Nat'l Wholesale Druggists Assn.; board of control and incorporator in 1910; U. S. Pharmacopoeia Convention, 1900, 1910, 1920. Hobbies: Family, golf, motoring.

URGE WHOLESALE DRUGGISTS TO BACK PRICE PROTECTION BILL IN CONGRESS

National Association Calls on Members to Write Congressmen and Request Committee Hearings Early In January—Changed Conditions in the House Favorable For Passage of Bill at Special Session

The leading advocates of price protection legislation, after conferences in Washington held since the election, are planning the introduction early in the new Congress of a carefully prepared bill upon which all who favor the legalization of resale prices can unite, and have decided to adopt vigorous measures to secure a series of hearings early in the coming short session before the House Committee on Interstate and Foreign Commerce in expectation that the representations made to the committee will supply a foundation for the preparation of a carefully considered price protection bill that will be reported to the House prior to final adjournment.

In urging members of the National Wholesale Druggists' Association to co-operate in the plan, the secretary of the Association says: "It is obvious that it will be impossible during the coming short session, which will include barely fifty legislative days, to enact a price protection law. Substantial progress can be made, however, if the House Committee will grant hearings, which might conveniently be held early in January immediately following the holiday recess, subsequently taking up the pending bills and evolving from them a measure satisfactory to all sincere advocates of price protection legislation.

"You are, therefore, urgently requested to write immediately to your congressman asking him to urge upon Chairman Samuel E. Winslow and other leaders of the House Committee on Interstate and Foreign Commerce the importance of granting hearings upon the pending price protection bills as early as practicable during the coming session.

"If it is possible for you to do so, you should make a special effort to call upon your congressman in person before he leaves for Washington and secure his co-operation in bringing about hearings on the price protection measures.

"There are now pending before the House Committee four bills dealing with the subject of price protection, but differing from each other in certain details. It is not believed that it would be wise for our members to undertake the advocacy of any particular one of these bills at this time. Ample opportunity to discuss the merits of the various measures will be afforded by the coming hearings.

"What is desired now is a pledge from the House Committee of hearings on the price protection bills at the earliest practicable date.

"Please write or telegraph to-day and, if possible, call on your congressman in person."

WILL EARTHQUAKE AFFECT CINCHONA?

A strike in Rotterdam, Holland, has held up the sailing of the "Rotterdam" of the Holland-American line for New York. The vessel is reported to have aboard heavy shipments of cinchona bark and quinine for the American drug trade. In connection with these articles, the trade is wondering just how far the earthquake in Java has affected the cinchona plantations and stocks of bark. No direct communication has been received from Java in the trade, but word from Sumatra indicates heavy damage throughout Java.

S. B. Penick & Co., crude drug millers, had a small fire last week in their drug mill at Asheville, N. C. The loss was slight, and was fully covered by insurance.

The Fine Chemical Market

Current Spot Quotations for Fine Chemicals, page 1558

POTASH PERMANGANATE ADVANCES 2c LB.

Spot Stocks Reduced—Demand Active—Mercury Firmly Held—Menthol Easier—Fusel Oil Lower—Bromides Firmly Held—Codliver Oil Advances to \$28 bbl.—Bismuth Salts Lower

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Acid, Diethylbarbituric, 50c lb. Potassium Permanganate, Dom.,
Cod Liver Oil, Norwegian, 2c lb.
\$1.00 bbl. Imported, 134c lb.
Mercury, 50c flask Santonin, \$5.00 lb.

Declined

Fusel Oil, 15c gal.
Bismuth Subnitrate, 35c lb. Glycerin, Dynamite, 1c lb.

Trend of the Market

	Last Today	Last Week	Last Month	Last Year	War Peak	Pre- War
Acetanilid	\$36	\$36	\$35	\$32	\$2.00	\$20
Acid Citric, Import .....	.46	.46	.45 1/2	.48	1.25	.45
Caffeine Alkaloid	3.50	3.50	3.50	4.00	18.00	3.65
Calomel, American	1.22	1.22	1.22	1.25	3.43	.90
Camphor, Jap., ref. ....	.67	.67	.63	.86 1/2	3.53	.41
Iodine, Resublimed	4.75	4.75	4.75	4.55	5.00	3.75
Menthol	14.00	14.50	12.75	15.50	13.50	.00
Potassium Bromide, Cryst. ....	.43	.43	.38	.26	4.30	.80
Quinine Sulfate, Imp. ....	.50	.50	.50	.50	.90	.25
Sodium Salicylate .....	.40	.40	.40	.40	4.25	.27
Strychnine Sulfate .....	.49 1/2	.49 1/2	.49 1/2	.84	2.05	.50
Average	2.44	2.48	2.31	2.62	5.92	1.56

While activity in some of the more important items has slowed down somewhat, trading in codliver oil, bromides, mercury, and alcohol has been maintained and some new highs for the movement have been registered. Interest appears to be following no definite group of items, however. As soon as one buyer comes in and purchases, he generally sets the example to others with the result that the market advances sharply. With advances occurring all along the line, dealers are in turn reducing their stocks because they feel that to carry a lot of goods at high prices is dangerous. This condition has caused further advances for when the importer makes inquiry in the primary market, he is confronted with much higher prices. Reports are heard that Germany has oversold in bromides, and that Germans are buying in outside markets to cover contracts.

Acetanilid—Makers report an active market at 36c@38c lb. spot, while resellers are inside at 35c@36c lb. One of the cheap producers is not quoting at the moment.

Acid, Acetylsalicylic—In steady demand with no tendency for any accumulation of stocks. Quoted at 75c@85c lb. spot as to maker. Resale quarters still name 72 1/2c@75c lb.

Acid, Citric—Imported is firm at 46c@46 1/2c lb. spot with shipment named at prices fully equal to these values. Demand has not been very active during the past three months, but now dealers state inquiries are becoming more plentiful, with the result that spot stocks have been reduced materially. Domestic, 46c@47c lb. Imports last week at New York were 400 kegs.

Acid, Diethylbarbituric—Domestic named \$8.00@10.00 lb. spot as to quantity, and imported has advanced to \$4.00@4.50 lb. owing to the proposed increase in duty. Just how much further the imported price will go depends upon spot stocks. Last reports state that considerable material has been imported between the time

the change in duty was first proposed and the present time.

Acid, Phosphoric—Quoted firm at 16c@17c lb. spot as to quantity.

Acid, Salicylic—Makers report a steady demand at 35c lb. spot, and resellers still name 33c@34c lb.

Acid, Tartaric—Importers are firm at 26c@27c lb. spot, as to quantity due to import price being slightly above these figures. Some good sized business has been reported for shipment. Last week 100 kegs were imported at New York. Domestic, 29c lb.

Alcohol—Market is firm and makers report a sold up position for a little time to come. No. 1 specially denatured named at 57 1/2c@59 1/2c gal. spot in drums, and No. 5 completely denatured at 56 1/2c@58 1/2c gal.

Amidopyrine—Imported quoted steady at \$4.35@4.50 lb. spot, and domestic \$4.60 lb.

Antipyrine—Market quiet at \$1.90@2.00 lb. spot.

Bay Rum—In small demand at the moment at \$1.05 @ \$1.15 gal. for either Porto Rican or St. Thomas material.

Bismuth Salts—First hands have reduced their prices and now quote as follows: Ammonium citrate, \$5.30 lb.; subcarbonate, \$2.85 lb.; and subnitrate, \$2.35 lb.

Bromides—Each transaction appears to establish a market by itself. Generally quoted at 48c@50c lb. for imported ammonium; 42c@44c lb. for potassium; and 44c@45c lb. for sodium. Reports have been circulated that Germany is now buying in foreign markets in order to cover her heavy sales made during the past three months. Domestic named at 53c@54c for ammonium; 47c@48c lb. for potassium; and 47c@49c lb. for sodium.

Camphor—Market is quiet on spot at 67c lb. for 2 1/2-lb. Japanese slabs, and 81c lb. for 1/2 ozs. Last week 100 cases were imported at New York from Shanghai.

Castor Oil—Firm and in demand at 17 1/2c@18 1/2c lb. spot.

Cocoa Butter—Fingers firm at 34c@35c lb. spot, and bulk at 24c@25c lb.

Codliver Oil—Norwegian has advanced again and now quoted at \$28.00@29.00 bbl. spot as to quantity with prompt shipment named at \$27.00 bbl. At the present rate of consumption, importers think that by the time the new catching season commences, stocks will have been reduced to a minimum.

Cream Tartar—Imported in small demand at 20 1/2c@21c lb. spot, and domestic 21 1/4c@21 1/2c lb.

Formaldehyde—Makers report a steady demand at 9c @ 9 1/4c lb. works in c.l., and resellers name 9c@10c lb. spot in barrels. Export demand has been on the increase, especially to Japan.

Fusel Oil—Demand has eased off with the result that \$3.40 gal. has been shaded to \$3.25 gal. Buyers are not willing to pay quoted price, apparently because they have filled their requirements for the present. Imports last week at New York were 57 drums. Sellers have been enjoying an active market for the past two months.

Glycerin—Dynamite has eased off to 17 1/2c@17 3/4c lb. as to seller with the possibility of shading to 17 1/4c lb. on firm business. Domestic makers do not appear to be meeting foreign competition on the crude material

as recent imports have been increasing. Last week 179 drums were imported at New York. C.P. is still named at 18½¢@19¢ lb. spot in drums.

Iodine—Tincture firm and active at \$4.30@\$4.40 gal. spot as to quantity.

Menthol—Although market is generally quoted at \$14.00@\$14.50 lb. spot, lower prices have been reported to have been done, because one seller quoted \$14.00 lb. and lost the business. Shipment is named as low as \$9.50 lb. c.i.f. New York for goods coming out of Japan during Jan.-Mar. Each sale on spot is a transaction by itself, and will probable remain so, as long as spot stocks keep as low as they are at present. One seller states that a 15-case order would be difficult to fill.

Mercury—Spot has refirmed up slightly, and now sellers want \$69.50@\$70.00 flask. London names £10 12s 6d per flask. Buyers in London think that at £10 flask mercury would be a good buy. Although 531 flasks were imported last week at New York, a large amount of the arrival had already been sold.

Podophyllin—In small demand at \$4.75@\$4.90 lb. spot from resale quarters, and \$5.20@\$5.40 lb. from first hands.

Potassium Permanganate—Has been a firm feature of the week. Prices have advanced to 14¾¢@15¾¢ lb. works as to quantity for domestic, and 14¼¢@15¢ lb. spot for imported material. Reports state that 100 tons imported some time ago has gone into consumption, and that spot stocks are tending to scarcity. Imports last week at New York were 40 drums.

Quinine Sulfate—In steady demand at 50¢ oz. from first hands, and 47½¢ oz. from resellers. Reports are heard that Java has had an earthquake, but latest information has not stated whether or not the cinchona plantations have been affected.

Santonin—Owing to advancing English exchange, the price has advanced to \$150@\$157 lb. spot whether granular or powdered.

Sodium Benzoate—In fair demand at 2¢@65¢ lb. spot as to quantity.

ASSOCIATED PHARMACISTS REORGANIZING

Plans for the reorganization of Associated Pharmacists, Inc., are being perfected by a group of promoters, who, it is understood, are making ready to float a stock issue of \$4,500,000 in behalf of the reorganized company, says "The Pharmaceutical Era." Details of the proposed reorganization were refused to representatives of the "Era," it being stated that some of the plans have not been completed and premature announcement of the reorganization might interfere with the promoter's work.

The purpose is to reorganize Associated Pharmacists, Inc., and its subsidiaries, to obtain working capital. This company purchased the Fraser Tablet Co. about two years ago and now conducts that business at its office and plant at 453 Nineteenth st., Brooklyn, N. Y. Dr. J. A. McLeay, house physician of the Hotel Majestic, New York, has accepted the presidency of the new company. The reorganization is in the hands of J. K. Stanland, 154 Nassau st., New York.

W. J. Bullwinkle, formerly of Dodwell & Co., New York, is now a broker in Japanese and Chinese products, and is located at 396 Broadway. Telephone number is Canal 5039. Mr. Bullwinkle is also acting as an agent for a Japanese house.

American Druggists Syndicate has entered judgment in New York county for \$111.33 against George V. Dodd.

CODLIVER OIL HIGHER IN LONDON

Advances Also on American Peppermint Oil, Japanese Mint Oil, Cocoa Butter and Juniper Berries—Camphor Slabs and Crude Camphor Easier—Bismuth Metal and Castor Oil Lower

(Special Cable to DRUG & CHEMICAL MARKETS)

London, Nov. 19.—Prices of fine chemicals and crude drugs are steady. Advances have taken place on American peppermint oil, Japanese mint oil, codliver oil, cocoa butter and juniper berries. The market is easier for camphor slabs (Japanese), crude camphor, menthol, acetic acid and phenacetin.

Lower quotations are announced on bismuth metal and castor oil.

London, Nov. 8. (By Mail)—The demand continues fair. Markets in all sections remain firm with upward tendency and there is a preponderating number of improvements in prices. Trade confidence and speculation for some time past have been at a low ebb owing doubtless to the disturbed political horizon. Now, however, that the General Election, has resulted in the return of an unusually strong Government to power, it is confidently anticipated in business circles that trade will experience a marked improvement.

Bromides—Orders for export and home consumption have been more frequent and a further sharp rise has occurred in the principal salts. Cabled reports from the United States and the Continent have greatly strengthened the market which closes approximately as follows: Potassium 1s5d, sodium 1s7d, ammonium 1s9d to 1s 10d per lb.

Chloroform has been advanced by the makers for B.P. quality 6d per lb. For 2½ cwt. 2s6½d; 5 cwt. 2s 4½d; 10 cwt. 2s 2½d per lb net.

Menthol—The continued shortness of spot supplies has caused a further rise to 62s6d per lb with some sellers at 65s; present shipment is quoted 50s c.i.f.

Mint Oil, Japanese, is dearer for spot at 18s9d per lb.; November-December 16s per lb c.i.f.

Peppermint Oil, American, in tins, is again dearer on the week in sympathy with higher prices from the United States. Sales have been made on spot at 29s per lb and H.G.H. 35s with cabled offers up to 29s6d per lb c.i.f.

Spearmint Oil, American, is now quoted higher at 17s 6d per lb on spot.

Ginger is in active demand with only few offers from the East. Cochin has advanced to 102s 6d for usual run fair rough. Japanese 100s per cwt., January shipment 90s c.i.f.

Potassium Chlorate for shipment is easier at 2¾d to 2¾d per lb.

Sodium Nitrite is a weak market and cheaper at £25 10s per ton for 100%.

Hydrastis is more freely offered at 16s6d per lb c.i.f.

Mercury has eased off to £11 per bottle with somewhat lower offers from the Continent. Carbolic acid is cheaper at 6d to 6¼d per lb f.o.b.

Arsenic is also quotably lower.

Dr. Harvey W. Wiley was the guest of honor at a dinner given in celebration of his eightieth birthday at the Franklin Square Hotel, Washington, D. C. during the fortieth annual meeting of the Association of Official Agricultural Chemists. Arrangements were under the general direction of A. S. Mitchell.

J. F. Rudolph, of the Detroit office of U. S. Industrial Alcohol Sales Co., has been transferred to the Philadelphia Division, succeeding H. E. Prutzman.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, page 1567

ERGOT ADVANCES ON SHORT CROP NEWS

Now Quoted at 62c lb. c.i.f., Compared With 26c lb. Two Weeks Ago—Lycopodium Higher—Spanish Saffron Firmer—Juniper Berries Sharply Higher—Senna Pods Active—Elm Bark Higher

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Ipecac Root, Rio, Whole, 10c lb.	
Anise Seed, Spanish, 1/4c lb.	Juniper Berries, 2c lb.
Arabic Gum, Amber Sorts, 1/2c lb.	Lobelia Herb, 10c lb.
Balsams, Copaiba, S. Am., 2c lb.	Lycopodium, 8c lb.
Cloves, Zanzibar, 1c lb.	Rhubarb Root, Whole, 1c lb.
Damiana Leaves, 1c lb.	Sabadilla Seed, Powd., 2c lb.
Elm Bark, Select, 2c lb.	Saffron Flowers, Spanish, \$2.00 lb.
Ergot, 30c lb.	Senna, Pods, 1c lb.

Declined

Balsams, Tolu, 5c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, U.S.P.	\$.35	\$.35	\$.35	\$.50	\$.90	\$.42
Buchu Leaves, Short .....	.76	.76	.76	.90	4.00	.85
Cantharides, Russian .....	.80	.80	.80	1.25	9.00	2.10
Cocculus Indicus .....	.03	.03	.03	.03 1/4	.85	.03
Ergot, Spanish .....	.65	.43	.32	.38	4.50	.54
Insect Powder, pure .....	.46	.46	.45	.63	1.00	.28
Ipecac, Cartagena, Powd.	2.50	2.35	2.40	2.60	4.50	1.35
Nux Vomica .....	.08	.05	.05	.06	1.4 1/2	.07
Opium gum	12.00	12.00	12.00	8.00	30.00	5.00
Rhubarb Root, H. D. ....	.36	.35	.35	.37	1.75	.15
Tragacanth, No. 1, ribbon.	1.15	1.15	1.15	1.45	6.00	1.50
Wild Cherry Bk., thin nat. ....	.08 1/4	.08 1/4	.08 1/4	.11	.21	.07
Average	1.59	1.56	1.56	1.36	5.28	1.60

The advance in ergot from 30c pound to 65c pound within ten days, has been the feature in the crude drug market. Importers were afraid to take on supplies at the low figure, because they thought that 26c per pound was too high. Practically over night, the shipment price advanced, and some importers think that having reached 65c per pound, it will go to \$2 per pound. Several houses are of the opinion that domestic botanicals are about due for an advance owing to the tendency to better buying among proprietary manufacturers. The foreign situation has firmed up within the last two months, probably due to the better feeling in business circles in European countries as well as a more sound financial basis. A firm offer of 100 tons of insect flowers for January-May shipment at 25c per pound c.i.f. New York, was heard in the trade last week. Amber sorts have advanced on reduced stocks and better buying. Spanish anise seed is tending upward.

Aconite Root—While supplies are generally quoted at 35c@37c lb. spot, better figures could probably be obtained on a firm bid. Leaves, 10c@12c lb.

Agar Agar—Market is firm on spot at \$1.55@\$1.60 lb. for No. 1 material owing to advancing prices in Japan. Collectors keep supplies well within current needs of exporters, in the successful attempt to keep prices up. One importer says that if they wanted to they could collect more weeds, and thereby increase the production of agar agar.

Aloes—Curacao held at 10 1/2c@11c lb. spot as to quantity, and Cape 9c@9 1/2c lb.

Anise Seed—Spanish is slightly higher at 14 1/4c@15c lb. spot as to quantity with the probability that higher figures will be in evidence owing to reduced stocks and firmer shipment prices. Star, 11c@11 1/2c lb.

Arabic Gum—Heavy stocks of amber sorts have

tended to keep prices down to a minimum. Dealers have at last commenced to see their supplies dwindle, and have accordingly advanced the price to 12c@12 1/2c lb. spot as to quantity. The increase in exchange has also resulted in much higher prices for shipment.

Areca Nuts—Firm at 22c@24c lb. spot for whole, and 26c@28c lb. for powdered material.

Asafetida—Whole firm and active at 22c@24c lb. spot, and 40c@42c lb. for powdered goods.

Balsams—Copaiba, South American, has advanced to 42c@44c lb., and Tolu is lower at \$1.65@\$1.80 lb. Both Canadian and Oregon firs are easy at \$10.25@\$11.25 gal. and 95c@\$1.10 gal., respectively.

Belladonna Leaves—Market firm and holders inside at 25c@26c lb. spot.

Buchu Leaves—Little interest manifested at 76c@78c lb. spot for bales, and 81c@83c lb. for less.

Canella Alba Bark—Firm and active at 53c@55c lb. spot.

Caraway Seed—Dutch is steady at 10c@10 1/2c lb. spot, and African at 9 1/2c@10c lb.

Cardamom Seed—Scarce and firm with bleached held at \$2.00@\$2.25 lb. spot, and decorticated, \$1.80@\$1.90 lb.

Cascara Sagrada—This year's peel is quoted at 14c@15c lb. spot in jobbing way with the Coast ranging from 11c to 15c lb. f.o.b. in c.l. Export demand has been on the increase, although no large amount of business has come from this direction. Old bark named at 18c@23c lb. spot as to age.

Celery Seed—Holders name 30 1/2c@31 1/2c lb. spot as to quantity. Exporters in France are meeting with little success in selling this country at the present time.

Chamomile Flowers—Roman easy at 25c@27c lb. spot, and Hungarian, 6 1/2c@7c lb.

Cloves—Zanzibars have advanced and now quoted at 29 1/2c@30c lb. spot owing to reduced spot stocks. Deliveries on June contracts at 19c lb. c.i.f. New York are now being made.

Damiana Leaves—Quoted higher at 16c@17c lb. spot owing to scarcity. One sale was put through last week at 35c lb., but other houses think that this was in small way only.

Dandelion Root—Spot easy at 27c@30c lb. with prompt shipment named at 21c lb. c.i.f. New York, or 22 1/2c duty paid.

Elm Bark—Select has advanced to 28c@30c lb. spot as to seller. Collectors report that grinding material is difficult to find, and if any supplies exist on spot, they demand a premium. Powdered goods, 23c@25c lb.

Ergot—Easily the feature of the week. Has now advanced to 65c@70c lb. spot as to quantity. Sales were made on Tuesday at 60c lb., but when replacements were advanced to 62c lb. c.i.f. New York, sellers also moved up their quotations. One direction looks for a \$2.00 market.

Fish Berries—Scarce at 30c@35c lb. spot as to quantity. Shipment is firm at 10c lb. c.i.f. and up.

Golden Seal Root—Whole firm at \$3.50@\$3.70 lb. spot, and powdered at \$4.00@\$4.10 lb. due to active export demand.

Henbane Leaves—U.S.P. quiet at 28c@30c lb. spot.

Insect Powder—Spot holders name 46c@52c lb. with

shipment quoted at 25c lb. c.i.f. New York and up for flowers. The Dalmatian market is somewhat higher than the Japanese.

Ipecac Root—Rio has advanced to \$2.25@2.30 lb. spot for whole, and \$2.50@2.60 lb. for powdered material. Supplies are well controlled.

Juniper Berries—Have advanced and now quoted at 7c@7½c lb. spot as quantity. Supplies scarce and closely held.

Larkspur Seed—Sales have been made as high as \$3.25 @ \$3.50 lb. spot as to seller and quantity.

Lobelia Herb—Market has moved up to 36c@38c lb. spot as to quantity.

Lycopodium—Much firmer at 58c@60c lb. spot as to quantity. Any advance that may happen in this item, is well deserved, according to the trade.

Manna—Active and firm at 40c lb. for small, and 78c lb. for large flakes.

Marjoram Leaves—German higher at 29c@31c lb. spot, and French 31c@33c lb.

Musk Root—Firm at \$2.10@2.20 lb. spot as to seller and quantity.

Rhubarb Root—Whole has advanced to 36c@38c lb. spot, and 42c@44c lb. for powdered material owing to a reduction of spot stocks.

Sabadilla Seed—Powdered higher at 17c@18c lb. spot, and whole, 13c@14c lb.

Saffron Flowers—Spanish has advanced and now quoted at \$40.00@41.00 lb. spot. Stocks are well held and shipment is named above these figures. American, 72c@75c lb.

Sarsaparilla Root—Mexican firm and active at 24c@26c lb. spot, while 1,000 pound lots are named at 23c lb. Honduras, 58c@60c lb.

Senna—Pods higher at 14c@15c lb. spot. Inquiry has been active, and supplies are tending scarce.

Worm Seed—Levant firm at \$2.75@4.00 lb. spot as to seller. American, 8½c@9c lb.

In the third quarter of 1924 United Drug Co. had net income of \$1,455,871, or \$3.22 a share on the common stock, after all charges and taxes and preferred dividends. This brought the total earnings for the nine months up to \$3,289,446, or \$6.66 a share on the common. Sales for the nine months totaled \$51,054,748, and costs and expenses \$45,777,913. After payment of dividends on both classes of stock there was a surplus for the three quarters of \$779,437, which brought the total profit and loss surplus as of September 30 up to \$5,296,306.

Dr. Schieffelin, of Schieffelin & Co., New York, who is president of the Citizens Union of New York, expressed himself as being in favor of prohibiting the driving of gasoline automobiles in Central Park, saying that he believed that the trees are slowly being killed by carbon monoxide fumes, and furthermore that not one person in ten goes automobiling in the park for the recuperative effect. The driving of all cars in New York by electricity is foreseen by Dr. Schieffelin.

The spice situation is undoubtedly clarifying itself as to the first half of 1925 in the matter of general supply, according to John Clarke & Co., New York, who say: "The prospect is by no means festive. Many of these groups are apparently going up on a higher level for a considerable time to come. The middle of November has been reached with no stocks to speak of, and a poor outlook for 1925, to put it mildly."

JAPAN DELAYS OPIUM AGREEMENT

Geneva, Switzerland, Nov. 19.—U. S. Representative Stephen G. Porter of Pennsylvania, who is head of the American delegation to the Opium Conference which opened here this week, at the outset of the deliberations made it clear that something must be done to elaborate an effective system for the suppression of the opium traffic in the Far East. He gave notice that the American delegation reserved the right to present some suggestions looking to regulation of the situation.

The conference on crude opium problems was the scene of a bitter discussion between British and Japanese delegates on Saturday. Charges and counter-charges were hurled back and forth with the result that practically nothing was accomplished. The attitude of the various delegates was one of general distrust of each other. China claimed that if the great powers had not adopted effective measures to curtail opium smoking in the Far East, such as rationing and the registration of smokers, it was because they did not wish to do so. John Campbell, an Englishman representing India, presented a resolution which virtually condemned China's handling of the drug evil, after Japan had presented a resolution expressing the confidence of the powers in China's attempt to stamp out the menace to the best of her ability. After bitter discussion Japan withdrew the resolution in defence of China at the request of the chairman, and this action caused the Campbell resolution to fail of passage.

The final collapse of the conference came when Japan announced that it could not sign the proposed agreement unless Japanese certificates regarding shipments of opium would be accepted as final. Any agreement must be built on good faith.

Sir Malcolm Delevigne insisted that Great Britain could never agree to unlimited shipments of opium on the mere strength of import certificates and referred to the case of one of the Far Eastern countries where high officials were arrested for complicity in an opium scandal.

That the country to which Sir Malcolm referred was Japan was made clear when M. Sugimura jumped to his feet and said that the guilty Japanese officials had been properly punished.

DRUACHEM CLUB FROLIC ATTENDED BY 200

The New York chemical, drug, and essential oil trades, at least 200 of them, frolicked and frisked in and about the Waldorf-Astoria Hotel, New York, on last Monday evening, Nov. 17, at the fourth annual Frolic of the Druachem Club. The trade was represented at this gala party from as far west as Allentown, Pa., and from as far north as Bennington, Vt. The latter city sent its Health Commissioner to extend its felicitations to Mayor Hylan and the great New York drug industry. Although there were no speakers on the program, the Frolic being marked each year by rigid informality, both in dress and conduct, at least 199 of the two hundred guests undertook to speak informally at some time during the obsequies. Fifteen acts of vaudeville rounded out, or squared off, according to the point of view and nearness to the stage, the evening of supine friskiness. Everybody frolicked long and late and left the Waldorf in the "wee sma" hours of Tuesday morning.

Birch tar oil imported by Charles H. Rising is held to be duty free under Paragraph 1681 of the Act of 1922 in a decision by the Board of U. S. General Appraisers. On entry this merchandise was assessed at 25 per cent ad valorem under Paragraph 59 of the same tariff act.

The Essential Oil Market

Current Spot Quotations of Essential Oils, page 1581, Aromatic Chemicals, page 1582

OIL SANDALWOOD INSIDE AT \$7.00 POUND

Keen Competition Disappears on Higher Replacement Costs—Oil Peppermint Advances Again—Oil Anise Higher—Oil Bois de Rose Firmer—Oil Caraway Easier—Oil Cloves Higher—Oil Lemongrass Scarce—Oil Spearmint Firmer

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced							
Oil Anise, U.S.P., 2c lb.							
Oil Citronella, 25c lb.							
Oil Cedar Wood 5c lb.							
Oil Cloves, 10c lb.							
Oil Erigeron, 75c lb.							
Oil Lemongrass, 5c lb.							
Oil Peppermint, Nat'l., 50c lb.							
Oil Petit Grain, S. Am., 15c lb.							
Oil Sandalwood, E. Ind., 75c lb.							
Oil Spearmint, 25c lb.							
Oil Wormwood, 15c lb.							
Declined							
Oil Caraway, 10c lb.							
Trend of the Market							
	Today	Last Week	Last Month	Last Year	War Peak	Pre War	War
Oil Bergamot	\$3.40	\$3.40	\$3.40	\$2.80	\$7.00	\$5.00	
Oil Citronella, Ceylon .....	.73	.73	.73	.85	1.02	.60	
Oil Cloves	2.10	2.00	1.90	2.40	3.70	1.40	
Oil Lemon, Italian .....	.90	.90	.88	.75	1.70	2.00	
Oil Peppermint, Nat.	8.00	7.25	5.75	3.20	9.00	2.25	
Oil Sandalwood, E. I.	7.00	6.15	6.15	7.15	13.00	5.25	
Oil Sassafras Artif. ....	.35	.35	.35	.38	1.00	.26	
Benzaldehyde, U.S.P.	1.50	1.50	1.50	1.50	5.15	1.50	
Coumarin	3.25	3.25	3.25	4.50	31.00	3.10	
Methyl Salicylate, Cans. ....	.47	.47	.47	.47	1.00	.90	
Vanillin .....	.49½	.49½	.49½	.48	.95	.20	
Average	2.57	2.40	2.25	2.23	6.83	2.05	

While importers and dealers have been attempting to keep spot prices down to a minimum, stocks have been allowed to decrease to such an extent that several acute situations have developed, especially in oils cedar wood, erigeron, lemongrass, peppermint, lemon, spearmint, and sandalwood. In fact, at the present moment little can be said in favor of any bear movement. The entire list appears to be firm and buying has broadened out so as to bring out any scarcities that may not have been noticed. Buyers are coming into the market, regardless of price. When oil peppermint was being quoted at \$6.00 per pound, dealers thought the price looked high. Consumers evidently had to have the goods, so they bought at advances of 25c pound instead of at former rises on a bull movement of 5c per pound. Country producers are pushing prices up in practically all of the essential oils with the exception of oil wormseed, which has eased off perceptibly. However, if a consumer were to buy 1,000 pounds, this item might change entirely.

Essential Oils

Oil Almond—Sweet firmly held at 70c@80c lb. spot as to seller. Stocks are low and shipment reported higher than current prices. Bitter is quiet at \$3.25@3.50 lb. spot, and f.p.a. \$3.15@3.25 lb.

Oil Angelica Root—Demand routine only at \$32@36 lb. spot.

Oil Anise—Has advanced and now quoted at 57c@59c lb. spot for U.S.P. material, and 54c@56c lb. for technical. Prompt shipment is named at 55c lb. c.i.f. New York. Supplies can be obtained in small way at former prices, but these stocks are gradually disappearing.

Oil Bay—Supplies ample for present needs at \$2.20@2.30 lb. spot.

Oil Bergamot—Coppers are firm at \$3.40@3.50 lb.

spot as to seller and quantity. One importer states that he has been unable to get quotations from abroad. Another says that some of the shippers are asking \$3.25 lb. c.i.f. New York and up. In view of the strength of the other Messina oils, this item is expected to show some activity in the near future.

Oil Bois de Rose—Quoted higher at \$5.00@5.50 lb. spot as to quality and seller. Stocks are becoming scarce, and shipment prices are tending higher.

Oil Camphor—Japanese in drums named at 13½c@14c lb. spot, and cases 14c@14½c lb.

Oil Caraway—Quoted easier at \$3.15@3.25 lb. spot owing to slight accumulation of spot stocks. This item is practically the only weak one in the entire list.

Oil Carvol—Easy at \$11.00@12.00 lb. spot.

Oil Cassia—Redistilled is firm at \$2.75@2.90 lb. spot as to seller and quantity. The natural material, which was imported two weeks ago, has gone into consumption. Hongkong is quoting in limited quantities only at prices considerably above normal.

Oil Cedar Leaf—Steady at 90c@1.00 lb. spot as to quantity.

Oil Cedar Wood—Spot supplies scarce at 80c@90c lb. as to seller. Little material is expected in this market until the first of the year, when several producers have contracted for delivery in fair quantities at that time. One dealer thinks that any one just commencing to distill the oil, will have too many difficulties to make it practical.

Oil Citronella—Ceylon is quoted at 73c@78c lb. spot in drums, and 76c@81c lb. in tins. Primary market is reported to be higher than spot due chiefly to the firmness of the oil itself, although exchange rates have caused slight advances in quotations. Java is firm on spot at \$1.40@1.50 lb. in drums, and \$1.50@1.75 lb. in tins. The supplies, which have been coming into this market during the past two weeks, have been practically disposed of.

Oil Cloves—Quoted higher with holders naming \$2.10@2.15 lb. spot for cans, and \$2.20@2.25 lb. for bottles. The uncertainty of the spice market has caused dealers to view the situation on the firm side.

Oil Erigeron—Much firmer with holders naming \$3.50@4.00 lb. spot in small way only due to scarcity. Country sales have been made equal to these prices.

Oil Eucalyptus—Drums firm at 57c@59c lb. spot, and cases 59c@61c lb. Shipment prices are much higher than spot.

Oil Lavender—Market firm at \$5.50@8.00 lb. spot with first quality oil named at \$8.75 lb. c.i.f. New York for prompt shipment. Growers have sold their entire output, according to reports, which leaves it in the hands of the dealers to regulate prices.

Oil Lemon—Italian firm at 90c@1.05 lb. spot with prompt shipment named at 71c lb. c.i.f. New York, and January shipment at 67½c lb. c.i.f. One importer states that lemon ought to be selling at \$1.10 lb. and up due to the high cost of production. American, 70c@75c lb.

Oil Lemongrass—Has advanced and now quoted at \$1.05@1.15 lb. spot as to seller. Shipment prices are so high that importers are refraining from buying.

Oil Orange—Italian firm at \$2.75@2.90 lb. spot as to seller, West Indian \$2.50@2.60 lb. Spot markets are

about on the par with replacement values. American, \$2.75@2.80 lb.

Oil Peppermint—Has advanced again and now quoted at \$8.00@8.25 lb. spot for natural, and \$8.75@9.00 lb. spot for redistilled. Country position is strong, and buyers appear willing to pay the high prices, and as long as they are, the country will continue to push up quotations. Export demand has been active.

Oil Petit Grain—South American quoted higher at \$2.10@2.20 lb. spot as to seller and quantity.

Oil Sandalwood—Market has advanced sharply, and now sellers will not take less than \$7.00@7.25 lb. spot for their goods. Replacement costs are fully equal to these prices.

Oil Spearmint—In sympathy with higher peppermint prices, this oil has advanced to \$4.00@4.25 lb. spot.

Oil Wormseed—Quiet at \$4.00@4.25 lb. spot.

Oil Wormwood—Has advanced at \$3.75@4.00 lb. spot owing to higher shipment costs.

Balsams

Peru—Market is firm at \$1.95@2.05 lb. spot as to seller.

Tolu—In small demand at the moment at \$1.65@1.80 lb. spot as to quantity.

Vanilla Beans

Bourbon—Market is unchanged, though firm at \$9.00 @ \$10.00 lb. spot.

Mexican—Whole in active demand at \$11.00@12.50 lb. spot, and cuts \$9.00@10.00 lb.

Aromatic Chemicals

Bromstyrol—In active demand at \$3.50@4.00 lb. spot as to quantity.

Coumarin—Makers report a steady call at \$3.25@3.45 lb. spot, and resellers \$3.25@3.30 lb.

Methyl Salicylate—First hands are firm at 45c@47c lb. spot as to quantity, and resale quarters 44c@45c lb.

Terpineol—Domestic quoted easy at 45c@54c lb. spot as to quantity and imported at 50c@60c lb. A quotation of first quality imported material was named at 50c lb., compared with a former price of 90c lb. The prospective customer refused to take the goods, stating that the quality was not up to former lots.

Exports of oil patchouli from North Sumatra thus far this year have been about 1,000,000 kilos, compared with 1,184,936 kilos in 1923, and 91,822 kilos in 1921, according to Consul S. B. Redecker, Sumatra, Java, who says: "The exports of the oil are sent chiefly to Penang and Singapore. The prices have been subjected to considerable fluctuations. In 1921, the price was 31 florins per picul (133 pounds); in 1922, 28 florins; and in 1923, 27 florins. The price of the leaf in 1921 and 1922 was about 14 florins per picul, and in 1923, 8 florins."

During the year 1923 the two pioneer sandalwood oil refineries, established in Bangalore and Mysore City, utilized 750 tons of sandalwood and sold 149,630 pounds of oil, compared with 508 tons of wood and 115,028 pounds of oil in the previous year. The wood used is obtained from the Mysore forests. It is reported that the oil produced is largely exported to Japan where it is used in preference to the German oil.

Alfred Joensson, of Alfred Joensson Co., New York, importers of crude drugs and essential oils, is on a two months' business trip through Europe.

COUNTRY PEPPERMINT HIGHER AT \$7.75

Advance In Price Has Been Steady From the Time When It Was Quoted at \$5.25

Country prices of oil peppermint have advanced again, and now \$7.75 a pound is wanted. As soon as a sale is made at this figure, the dealer will probably raise his price another 25c. This situation has been going on for the last two months. Whenever a sale is made the price is advanced, and up to the present time the dealer in the country does not have to wait long before a consumer comes into the market, and pays the asking price.

Reports are heard that several dealers made contracts at prices around \$4.75 a pound, but failed to cover at that time, because they thought the oil was going lower. The price went to \$5.25 a pound six weeks ago in the country and from that time quotations have advanced. From present indications, the limit does not appear to have been reached. The price generally quoted is \$8 per pound spot for natural, and \$8.75 per pound for redistilled, although a small lot of redistilled is available at \$8 per pound. Dealers are attempting to keep supplies down to a minimum, seldom buying over two drums at a time, unless they have a firm order in hand.

With the present high prices in domestic oil peppermint and with reports of a large oil peppermint crop in Japan, the prospect of domestic menthol manufacturers buying any quantity of domestic oil appears remote. They may, however, take on small quantities to manufacture menthol for their established trade, but this demand will not be sufficient to have any effect on the price of the domestic oil. The demand from menthol manufacturers cannot be blamed for the present high prices of oil peppermint.

Perfume materials valued at \$167,056 upon which duty was paid were imported during September, according to the Department of Commerce, against \$63,546 for the same products during September, 1923. The total value of these products for the first nine months of this year was \$976,976, against \$965,046 for the same period in 1923. Products of the same class duty free totaled for September, 1924, 3,986 pounds, valued at \$303,104, against 2,414 pounds, valued at \$88,357, for September, 1923. The total for the first nine months of 1924 was 16,013 pounds, valued at \$897,375, against 44,291 pounds, valued at \$860,928 for the same period in 1923.

Perfumery, bay rum, and toilet water imports during September totaled 151,103 pounds, valued at \$204,383, against 114,800 pounds, valued at \$198,522, for September, 1923. Total imports for the first nine months of this year were 851,882 pounds, valued at \$1,471,512, against 1,100,237 pounds, valued at \$1,736,821, for the corresponding period of 1923, according to the Department of Commerce.

The annual banquet of the Chicago Perfumery, Soap and Extract Association will be held on Dec. 10, at the Edgewater Beach Hotel. On Nov. 19 the Association held a Father and Sons' Day, with members and their boys present and a well known speaker to talk on the responsibilities of a father and the duties of sons.

Italian oil orange was advanced to \$2.90 per pound spot late Tuesday afternoon owing to reduction of spot stocks and higher replacements, which are named at \$2.25 lb. c.i.f. New York. The market has been firm for the last two weeks in sympathy with other strong Messina essences.

Drug Consuming Industries

Trade Notes and Personals

Fiberloid Corp., Boston, and Lewis C. Hopkins Co., New York, have been sustained in their protests to the U. S. Board of Customs Appraisers for a reduction of duty on imported camphor. The goods were described as "Formosa crude camphor BB and Japanese crude camphor BB". Duty had been assessed at 6c per pound under paragraph 52 of the act of 1922 as refined camphor, but the decision of Judge Brown now fixes the duty at 1c per pound in accordance with the provision in the same paragraph for crude camphor. Two other decisions sustained protests of American Camphor Refining Co., Boston, and Lewis C. Hopkins Co., Judge Brown ruling that the same merchandise imported under the 1913 tariff act was taxable at 1c per pound as crude camphor under paragraph 36 of the act of 1913 instead of at 5c per pound as refined camphor under the same paragraph.

Physicians in Argentina prescribe proprietary medicines to a much greater extent than is commonly done in the United States and England. This is due to the doctor's uncertainty that his prescription will be properly filled by the druggist. Pharmacists, however, prefer to mix their own rather than sell prepared medicines as it is more profitable. Proprietary medicines of local

manufacture do not enjoy the confidence of the doctor and public at large. Proprietary medicines in greatest demand are given in the order of their importance as follows: Purgatives, tonics, cough medicines, blood purifiers, remedies for liver and kidney trouble, antiseptics, and disinfectants. Liniments also enjoy a fair sale, but ointments are in little demand. Bottles of not over 12 ounces, according to the preparation, and small boxes that can be carried in a vest pocket, are said by local dealers to be the most popular sizes.

Tartaric acid imports for September amounted to 251,260 pounds, valued at \$53,777, against 189,304 pounds, valued at \$45,770, for September, 1923, according to the Department of Commerce. Imports for the first nine months of 1924 totaled 2,439,441 pounds, valued at \$501,071, against 1,512,644 pounds, valued at \$376,079, for the first nine months of 1923.

Imports of glycerin for September totaled 1,369,658 pounds, valued at \$153,625, against 486,311 pounds, valued at \$48,415, for September, 1923, according to the Department of Commerce. Imports for the first nine months of 1924 totaled 7,513,892 pounds, valued at \$744,463, against 12,794,774 pounds, valued at \$1,297,798, for the first nine months of 1923.

Applicants for the position of associate chemist and assistant chemist in Government service must file their applications by Dec. 23. The salary is \$3,000 for associate chemist and \$2,400 for assistant chemist.

There can be no higher degree of purity than that which is presented under the label of

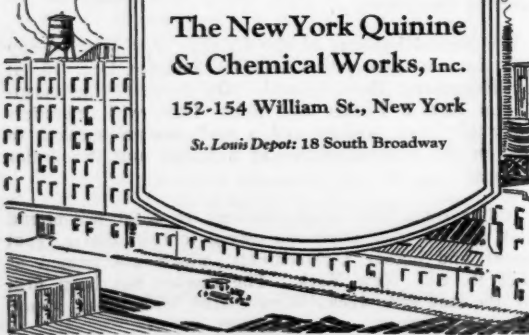
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Gum Arabic arrivals in Kordofan have almost entirely stopped, according to E. M. Javitz & Son, New York, agents for Sarkis Izmirlian. The report states: "Every now and then some parcels enter, which hardly average twenty or thirty tons per week. All orders for November and even December shipments will have to rely upon ready stocks of gum from April-May. Holders of these are not prepared to get rid of their stocks at very low prices, the much more so that recent abundant rains have confirmed the reports for the delayed start of the coming new crop. Acacia trees are fully green still and it will take some time till they get dry and fit for tapping. Perhaps in January only we shall be able to arrange the first shipments from the 1925 crops."

Toilet preparations, hair dyes, mouth washes, perfumes, extracts, perfumed waters, containing ether or ethyl alcohol, imported into Germany are now dutiable at 1,100 gold marks per 100 kilos; perfumed water, containing neither ether nor alcohol, if the total weight of each, including container, is over 5 kilos, 60 gold marks per 100 kilos; if under 5 kilos, 300 gold marks per 100 kilos; toilet powders, tooth powders, cosmetics, etc., 300 gold marks per 100 kilos, according to new duties established by the German customs tariff.

George Eastman of the Eastman Kodak Co., Rochester, N. Y. has made a donation of \$2,500,000, to the drive for \$10,000,000 for the University of Rochester. The fact was made known at the opening dinner of the six hundred workers.

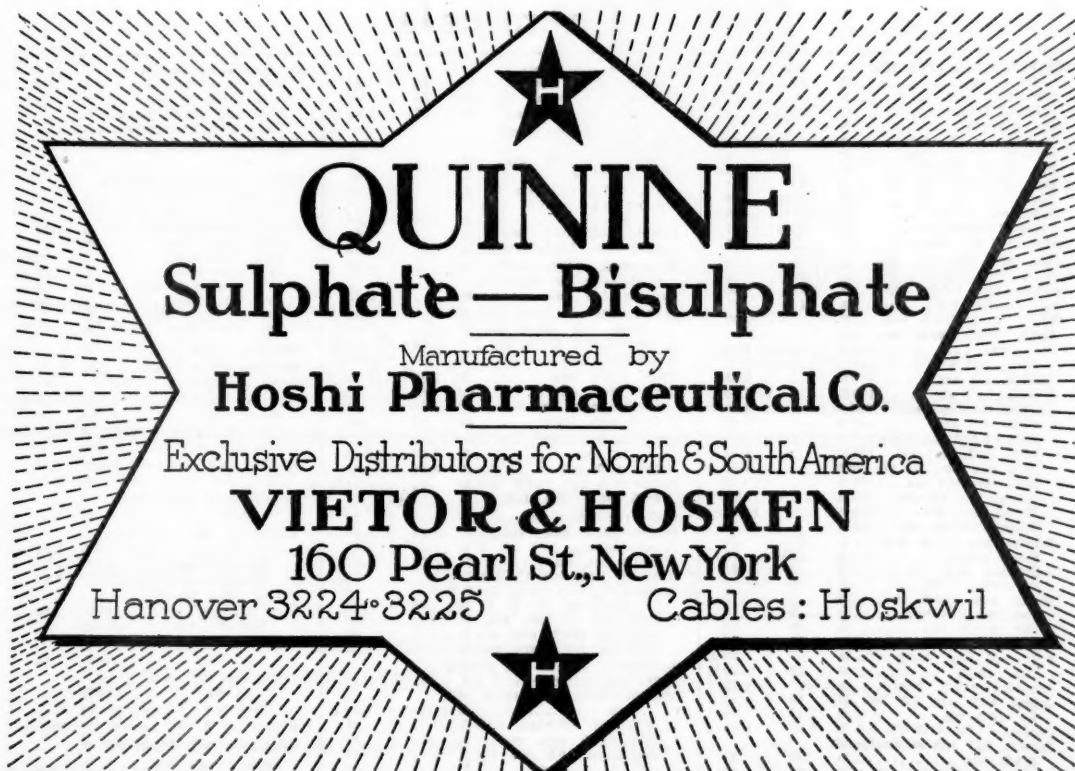
MAKE HIGH RECORDS IN BOWLING

The Wholesale Drug Trade Bowling Association of New York opened its 32nd annual tournament on Monday evening, Nov. 10, at the Colgate & Co. alleys in Jersey City. Though no records were broken, the opening games furnished plenty of excitement, several games not being decided until the last ball had been rolled. Roessler & Hasslacher Chemical Co. won two games out of three from Colgate & Co. No. 2, a new entrant in this year's tournament. Stadta of the R. & H. team and Piasecki of Colgate were tied for high honors with single games of 219. Stadta had a total of 597 for three games. In the Lanman & Kemp-Biddle Purchasing Co. contest, the former won two games, losing only by a single pin. Connolly and Gemmell of the L. & K. team were the high scorers with 511 and 509 respectively.

Dr. Edwin F. Slosson in an address before the New York Alumni Sigma Chi expressed the opinion that some time in the future chemists may be able to control the size and form of animals, fix the number and location of eyes and legs, and determine or alter the sex.

Imports of mercury into the United Kingdom for the eight months ending Aug. 31 were 18,410 bottles and re-exports were 4,342, compared with imports of 26,655 bottles and re-exports of 12,769 bottles for a like period in 1923.

Smith, Kline & French Co. employees held a frolic and masquerade consisting of sixteen numbers and dancing at the Moose auditorium, Philadelphia, Nov. 12.



QUININE
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VIETOR & HOSKEN
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Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: **Chemicals**, including heavy and technical chemicals, fine and medicinal chemicals, aromatic chemicals and isolates, crudes and intermediates from coal-tar, various fine alkaloids and miscellaneous products; **Crude Drugs, Essential Oils**, including oleoresins; **Fatty Oils**, including Animal, Vegetable and Fish Oils, Greases, Fats, and Tallow; **Tanning and Dye Extracts**, including miscellaneous natural tanning woods, extracts, etc. All groups are arranged in straight alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein are for goods spot New York or Metropolitan

District, f. o. b. or ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilogram
1 Kilogram	—2.20	Pounds

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Chemicals

ACETANILID, tech. 150 lb bbls.	.28	.28
100 lb kgs.	.27	.30
USP 200 lb bbls.	.36	.38
Second Hands	.35	.36
Acetic Anhydride		
85-90%, 107 lb. cty.	.40	.40
90-95%, 100 lb. cty.	.40	.43
C.P. 100 lb. cty.	.40	.40
Acetone, CP 700 lb. dra. c/l wks.	.15	.17
700 lb. dra. 1c/l wks.	.15½	.18
350 lb. dra. 1c/l wks.	.15½	.18
Second Hands, spot	.15½	.17
Acetone, 100 gal. drums.	.35	.35
Acetone Oils, light, dra. wks.	1.40	1.45
Heavy, dra. wks.	1.40	1.45
Acetophenetidin, 150 lb bbls.	1.85	1.90
Acetyl Chloride, 100 lb. cty.	.40	.41
ACID, 1, 2, 4, 250 lb bbls.		1.30
Acetic, 38%, 400 lb bbls. c/l		3.12
38%, 1c/l wks.	100 lb	3.37
54%, c/l wks.	100 lb	5.85
54%, 1c/l wks.	100 lb	6.10
70%, bbls. c/l wks.	100 lb	7.30
70%, 1c/l wks.	100 lb	7.45
80% coml. bbls. c/l wks.	100 lb	8.19
80% coml. 1c/l wks.	100 lb	8.44
80% pure bbls. c/l wks.	100 lb	9.93
80% pure 1c/l wks.	100 lb	10.23
Glacial, bbls. c/l wks.	100 lb	11.01
Glacial, 1c/l wks.	100 lb	11.26
Glacial USP cty. wks.	100 lb	11.76
Acetyl Chloride, 250 lb bbls.	.75	.85
Second Hands	.73½	.75
Anthranilic, tech. dra.	.94	.94
90-100%, 100 lb. dra.	.94	1.00
Benzene, tech. 100 lb bbls.	.75	.75
Tech. ton lots bbls.	.70	.70
USP, 100 lb bbls.	.75	.75
Second Hands	.70	.76
Boric, crys. powd. 250 lb bbls.	.09½	.10½
Keps, 100 lb	.10	.10½
Bromine's 250 lb bbls.	.40	.50
Bromine, 80% pure 5 lb bot.	1.25	1.50
C.P. 10 lb bot.	5.90	6.00
Chlorobenzene, USP, VIII 1 lb bot.	.36	.37
Chlorobenzene, USP crys. see also Phenol	.36	.37
112 lb tin	.36	.37
25 lb tin	.36	.37
5 lb tin or bot.	.36	.37
1 lb bot.	.35	.36

Acid Carbolle—(continued)		
Liquid USP, 1 lb bot.	.34	.35
Crude, 25% 50 gal. bbls.	.33	.35
10%, 50 gal. bbls.	.37	.30
Carbonic, see Carbon Dioxide		
Chloroacetic		
mono 100 lb bbls. wks.	.25	.25
Di, 150 lb cty. wks.	1.00	1.00
Tri, 425 lb bbls. wks.	2.50	2.50
Chlorosulfonic, 1500 lb. dra.		
wks.	.15	.16
Chromic, USP 200 lb drums.	.40	.40
85% Pure, 200 lb drums.	.35	.35
Chromotropic, 300 lb bbls.	1.35	1.35
Chrysanthic, see Chrysarobin		
Cinnamic, 5 lb cans	3.93	3.93
CITRIC, USP crys. 230 lb bbls.	.46	.46
Powd., USP, 200 lb bbls.	.47	.47
Imported, crys. 112 lb kgs.	.46½	.46½
Single kgs	.47	.47
Cleves, 250 lb bbls.	1.00	1.10
Cresylic, 95% dark dr. NY.	.63	.65
97-99% pale, dra. NY.	.65	.75
Crude, spot, drums	.65	.60
Diethylbarbituric, Dom., 25 lb lots,		
1 lb bot.	8.00	10.00
Imp. 10 lb lots.	4.00	4.50
Formic 85% tech. 140 lb cty.	.11	.11½
90%, 80 lb cty. incl.	.11½	.12
Gallie, USP, 150 lb bbls.	.70	.70
Gammas, 225 lb bbls. wks.	1.40	1.50
Glycerophosphoric, 25% 1 lb. b.	1.85	1.95
H 225 lb bbls. wks.	.73	.75
Hydrochloric, 10% USP 5 lb bot.	.75	.75
Hydrobromic, 48% coml. 155 lb		
cty. wks.	.35	.40
48% coml. 10 cty. wks.	.40	.40
40% USP 155 lb cty. wks.	.45	.46
10% USP 100 lb cty. wks.	.11	.13
Hydrochloric, see also Acid Muriatic		
CP, USP, 110 lb cty.	.08	.11
HYDROFLUORIC, 30% 400 lb bbls.		
wks.	.07	.07
30% bbls. c/l wks.	.06	.06
30% 100 lb cty. wks.	.07	.07
48% single 100 lb cty. wks.	.11	.11
48% 10 cty. wks.	.10	.10
52% 100 lb cty. wks.	.14	.14
52% 10 cty. wks.	.11	.11

Acid, hydrofluoric—(continued)		
60% 100 lb cty. wks.	.14	.14
60% 300 lb dr. wks.	.13	.13
White Acid, 100 lb cty. wks.	.25	.25
White Acid, 10 cty. wks.	.25	.25
Hydrofluosilicic, 35% 450 lb bbls.		
wks.	.13	.13
Hypophosphorous, USP 30% 5		
gal. demis	.85	.85
USP, 10% 5 gal. demis.	.30	.30
LACTIC, 22% dark 500 lb bbls.	.05	.05½
22% light, bbls.	.06	.06½
44% dark, bbls.	.10½	.11
44% light, bbls.	.12½	.13
66% bbls. dark, bbls.	.16½	.17
66% light, bbls.	.28	.26½
USP IX 100 lb cty.	.75	.75
USP VIII 100 lb cty.	.70	.70
Laurent's, 250 lb bbls.	.90	.90
Metanilic, 250 lb bbls.	.60	.65
Mixed, sulfuric-nitric		
Drums, wks.	.07	.08
Drums, wks.	.01	.01½
Tank cars, wks.	.06½	.07
Tank cars, wks.	.009	.01
Molybdic, 85% pure 100 lb kgs.	1.35	1.60
100% C.P. 100 lb kgs.	2.00	2.10
Monosulfonic F, Delta, 50 lb		
tins	2.20	2.20
MURIATIC, 20° cty. 1c/l		
wks.	1.60	1.75
Cty. c/l wks.	1.20	1.25
Tank cars, wks.	1.00	1.10
18°, 120 lb cty.		
c/l wks.	1.00	1.10
Tank cars, wks.	.net ton	.net ton
22°, 120 lb cty.		
c/l wks.	1.75	2.00
Iron, free 20° cty.		
c/l wks.	100 lb	.net ton
Tank cars, wks.	.net ton	.net ton
Muriatic, CP & USP, see Acid Hydrochloric		
Naphthalenic, tech. 250 lb bbls.	.63	.63
Refined, single bbls.	.65	.65
Nerile & Winter's, 250 lb		
bbls.	1.10	1.25

<p><u>Photographic</u></p> <p>Iodized Negative (base) Stripping</p>	<h1 style="margin: 0;">Collodion</h1> <p><u>Amyl Acetate</u> 6 oz. stock. We also make up to your exact specifications.</p>	<p><u>Medicinal</u></p> <p>U. S. P. Plain U. S. P. Flexible</p>
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—and then he specified

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This is but one of many tests where pharmaceutical manufacturers have decided that Sodium Cacodylate FOUGERA leads in quality, purity and uniformity.

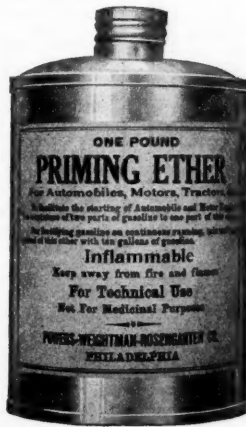
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PRIMING ETHER
For Automobiles, Motors, Tractors,
Kindles the starting of Automobiles and New
engines of two parts of gasoline to one part of oil.
No flaming gasoline on continuous running, but
one of the other with ten gallons of gasoline.
Inflammable
Keep away from fire and flame
For Technical Use
Not For Medicinal Purpose
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5 lb., 1 lb.,
1-2 lb.
and
1-4 lb cans

Powers-Weightman-Rosengarten Co.

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New York PHILADELPHIA St. Louis

HYDRO BRAND

AQUA AMMONIA

A New Standard of Purity

MADE FROM SYNTHETIC AMMONIA AND PURE WATER

26° BAUME

Shipments in Drums and Tank Cars from Niagara Falls, New York

THE AMMONIA CORPORATION


65 BROADWAY, NEW YORK

Chemicals

ACID, NITRIC, 36° 130D			ACID, Sulfuric			ALCOHOL—(continued)		
le/l chys. wis. 100D	4.75	: 5.25	le/l wis. 100D	1.50	: 1.75	Isopropyl, crude 50 gal. drs. gal.	4.50	
Chys. c/l wis. 100D	4.50	: 4.75	Drums. c/l wis. 100D	1.35	: 1.50	Refined, 90% 50 gal. drs. gal.	8.90	: 6.95
38° le/l chys. wis. 100D	5.25	: 5.75	Tank cars, wis. net ton	17.00	: 18.00	Ref'd, 99% drs. gal	8.75	: 8.85
Chys. c/l wis. 100D	5.00	: 5.25	Contract cars, wis. ton			Methyl, see Alcohol, Wood		
40° le/l chys. wis. 100D	5.75	: 6.00	Olum, 40% drs le/l wis. net ton		: 40.00	Propyl. nml. crd. 50 gal. drms. gal.	4.40	
Chys. c/l wis. 100D	5.50	: 5.75	Olum, 60% drs. le/l wis. net ton	60.00	: 70.00	Refined, 1C D cans. D		: .75
42° le/l chys. wis. 100D	6.25	: 6.75	Sulfurous, USP 6% 100D chys. D	.05	: .06	Denatured		
Chys. c/l wis. 100D	6.00	: 6.25	4% 100D chys. D	.04	: .05	No. 1 Complete Denat. 188 Proof		
C. P. chys. single wis. 100D	.13	: .16	USP. 5 gal. demis. D	.06	: .08	50 gal. bbl. incl. gal	.65½	: .67½
Oxalic, 300D bbls., wis. D	.09½	: .09%	Tannic, tech. 300D bbls. D	.30	: .40	50 gal. drums, extra. gal	.58½	: .60½
Bbls., NY D	.09½	: .10	USP, powd 200D bbls. D	.75	: .80	No. 1 Special Denat. 190 Proof		
Kegs. 100D NY D	.10½	: .11	USP, fluff, 50D bbls. D	.75	: .80	50 gal. bbl. incl. gal	.64½	: .66½
Imp., 560D casks D		: .09½	Tartaric, USP crys 300D bbls. D		: .29	50 gal. drums, extra. gal	.57½	: .59½
Phenylchlorine, domestic. D	8.50	: 9.00	USP, powd, 300D bbls. D		: .29	No. 5 Complete Denat. 188 Proof		
Imported, 5 Ds. D	7.00	: 7.35	Imp. USP, 240D bbls. D	.26	: .27	50 gal. bbls. incl. gal	.63½	: .65½
Phosphoric, 50% tech. 100D			Pow., 240D bbls. D	.26	: .27	50 gal. drums, extra. gal	.56½	: .58½
chys. D	.09	: .10	Tobias, 250D bbls. D	.90	: .95	No. 6 Complete Denat. 188 Proof		
USP, Syrupy 85°, 70D.			Tungstic, 100D kegs. D		: 1.00	50 gal. bbls. incl. gal	.63½	: .64½
demis. D	.16	: .17	Valeric, C.P., 10D bot. D	2.50	: 2.75	50 gal. drums, extra. gal	.55½	: .57½
Imported D		: .17	Acetiline Alk. crys 1 oz. vis. D		: 30.00			
Phthalic, see Phthalic Anhydride			Amorphous, 1 oz. vis. D		: 20.00	In addition to the regular authorized formulae for completely denatured alcohol, some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their use however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.		
Picramic, 300D bbls. D		: .65	Adeps Lanac, hydrous 350D bbls. D	.15	: .21			
Pieric, 450D bbls. D		: .50	Anhydrous, 350D bbls. D	.18	: .23			
Bbls. car lots wis. D	.20	: .25	Albumen, Egg, edible D		: 1.25			
Pyrogallic, crys. 5D cans. D	1.25	: 1.30	Blood D	.45	: .50	Aldn, USP, 100D cans. D	.88	: .90
Resublimed, 5D cans. D	1.55	: 1.65	Vegetable D	.60	: .70	Alpha-Naphthol crude 300D bbls. D		: .65
Tech. powd., 200D bbls. D		: .85	Technical, see Dyers Sundries			Refined D		: .80
Sullicylic, tech., 125D bbls. D	.33	: .34	ALCOHOL, USP 190 pt. 50 gal.	4.92	: 5.01	Alpha-Naphthylamine, 350D bbls. D	.35	: .37
USP, 100D bbls. D		: .35	bbls. gal			Ton lots, bbls. wis. D		: .35
Second Hands D	.32	: .33	Second Hands, bbls, USP 190					
Sulfanilic, 250D bbls. D	.16	: .20	pf. gal					
SULFURIC, 66° 180D chys.			Export, USP, 190 pt. gal	.55	: .85			
le/l wis. 100D	1.50	: 1.85	Cologne Spirit, 50 gal. bbls. gal	5.00	: 5.10			
Chys., c/l wis. 100D		: 1.35	WOOD, see Methanol					
1500D Drums, le/l			Alcohols also in 50 gal.					
wis. 100D		: 1.25	drums extra and returnable.					
Drums, c/l wis. 100D		: 1.10	Amyl, see Oil Fusel					
Tank cars, wis. net ton		: 14.00	Butyl, 50 gal. drums, wis. D		: .32			
66° 1500D Drums			Tank cars, wis. D		: .30			
le/l wis. 100D	.75	: 1.00	Isobutyl, crude 50 gal. drums. gal					
Drums, c/l wis. 100D	.65	: .75	Refined, 10 D can D	1.10	: 1.20			
Tank cars, wis. net ton	9.00	: 9.50						
C. P. 175D chys. 100D	.08	: .09						

General Chemicals

A MARK OF PLEDGED RESPONSIBILITY



ON PRODUCTS OF STANDARD MERIT

Nitric Acid

Sulphuric Acid
Acetic Acid
Epsom Salt
Mixed Acids
Hydrochloric Acid

Ammonia Alum
Aluminum Sulphate
Aqua Ammonia
Copperas Nitrate Iron
Hydrofluoric Acid

Salt Cake
Tin Crystals
Sodium Sulphide
Sodium Silicate
Sodium Phosphate

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PRICES CURRENT SECTION

Chemicals

ALUM, Ammonia, lump 400 lb. bbls.			AMMONIA, anhyd. 100 lb. cyl.... lb			AMMONIUM—(Continued)		
Wks. 100 lb.	3.15	3.75	Water, 26° 800 lb. drs. wks. lb	...	.06%	Persulfate, 112 lb. cases..... lb	.35	.40
Imp. 500 lb. cases 100 lb	...	...	Drs. c/l wks. lb	...	.06%	Phosphate, dibasic 200 lb. bbls. lb	...	.38
Ground, 400 lb. bbls. wks. 100 lb	3.30	4.00	C.P., chys. lb	...	.14	Tech., powd. 325 lb. bbls. lb	...	.19
Powd. 380 lb. bbls. wks. 100 lb	3.45	4.25	Imp., 800 lb. drs. Incl. spot. lb	...	.08%	Phosphate, mono, 325 lb. bbls. lb	...	.12%
Chrome 500 lb. cks wks. 100 lb	5.50	6.00	26° 100 lb. chys. lc/l wks. lb	...	.07%	Sulfolate, USP 100 lb. kegs. lb	.75	.80
Potash, lump 400 lb. bbls.			Chys. c/l wks. lb	...	.07%	Sulfate, bulk, c/l wks. 100 lb	2.65	2.70
Wks. 100 lb	3.60	3.80	20° 800 lb. drs. lc/l wks. lb	...	.05%	200 lb. single bgs. c/l wks. 100 lb	...	2.75
Bls. c/l wks. 100 lb	...	3.10	Chys. lc/l wks. lb	...	.06%	200 lb. double bgs., f.a.s. 100 lb	...	2.90
Imp. 650 lb. cases s.p. 100 lb	2.75	3.00	18° 800 lb. drs. lc/l wks. lb	...	.04%	Sulfocyanide, tech., 100 lb. kegs. lb	.50	.60
Ground 400 lb. bbls. wks. 100 lb	3.25	3.75	Chys., lc/l wks. lb	...	.05%	CP, 25 lb. jars lb	.60	.70
Imp. 650 lb. cases 100 lb	2.50	2.75	16° 800 lb. drs. lc/l wks. lb	...	.04%	Amyl Acetate, tech. 50 gal. drs. gal	3.00	3.15
Powd., 380 lb. bbls. wks. 100 lb	3.50	4.25	Chys., lc/l wks. lb	...	.05%	Refined, 50 gal. drums. gal	3.60	3.75
Chrome, 500 lb. cks wks. 100 lb	5.50	6.00	Ammonium Acetate, 100 lb. kegs. lb	...	.37	Alcohol, see Fuel oil		
Soda grd. 400 lb. bbls. wks. 100 lb	...	4.00	Benzonate, USP, 1 lb. bot. lb	90	95	ANILINE OIL, 900 lb. drs. lb	.16	.17
Bbls. c/l wks. 100 lb	...	3.50	Bifluoride, 300 lb. bbls. lb	.22	.23	Aniline Salt, 200 lb. bbls. lb	.20	.22
Aluminum, metal, c/l NY. 100 lb	27.00	28.00	100 lb. kegs. lb	.23	.24	Anthracene, 80-85%, 600 lb. cases		
Chloride, anhyd. 275 lb. drs. lb	.30	.22	Bromide, 50 lb. boxes lb	.53	.54	Wks. lb	.80	.85
Crystals 375 lb. bbls. lb	...	.06%	Imported, 112 lb. boxes lb	.48	.50	28-30%, Imp. lb	.02	.02%
30% sol. 120 lb. chys. lb	.03%	.04	Carb., tech. 500 lb. cases lb	...	.08%	Anthraquinone, subl. 125 lb. bbls. lb	1.00	1.15
Hydrate 98% light 90 lb. bbls. lb	.17	.18	Powd. tech. 385 lb. bbls. lb	...	.08	Antimony metal, slabs ton lots. 100 lb	.14%	.15
Heavy 62-64% 220 lb. bgs. lb	.06	.06%	USP, lump, 100 lb. kegs. lb	.12%	.13%	Needle Powd., 100 lb. cases lb	...	.09%
400 lb. bbls. wks. lb	.06%	.07	Powd., 100 lb. kegs. lb	.11%	.12	ANTIMONY CHLORIDE, anhyd 1000 lb		
SULFATE, Iron-free bags c/l			Chloride, Domestic			dra. lb	.85	.85
Wks. 100 lb	2.25	2.35	White, 250 lb. bbls., c/l lb	...	.07%	50 lb. crocks lb	.45	.48
Imported, spot 100 lb	2.00	2.25	250 lb. bbls., lc/l wks. lb	...	.07%	Sol'n, 130 lb. carboys 33° lb	...	.06
Comm'l., 1/4% iron. bgs. c/l	...	...	Imp. wh. 250 lb. cases spot. lb	.06	.06%	Oxide, 500 lb. bbls. lb	...	.11
Wks. East 100 lb	...	1.35	Gray 250 lb. bbls. wks. lb	.08	.08%	Salt, dom. 500 lb. bbls. lb	...	.25
Cont. bgs. c/l wks. E. 100 lb	1.30	1.35	Bbls., c/l wks. lb	...	.07%	Imp., NY lb	...	.19
Bags, c/l wks. W. 100 lb	...	1.30	Imp. gray 250 lb. cases lb	.07%	.08	Sulfuret, golden 500 lb. bbls. lb	...	.21
Bbls., c/l wks. East. 100 lb	...	1.50	Lump, 500 lb. cases spot. lb	.12	.12%	336 lb. kegs. lb	...	.19
Bulk c/l cont. wks. E. 100 lb	...	...	Icthyolate, as to brand. lb	4.85	5.00	Crissom 500 lb. bbls. lb	...	.38
Amidol, (see Diaminophenol)			Iodide, USP, 25 lb. jars lb	...	5.20	336 lb. kegs. lb	...	.36
Amidopyrine, Imp. 10 lb. boxes lb	4.35	4.50	Lactate, 500 lb. bbls. lb	.15	.16	Red, 500 lb. bbls. lb	...	.45
Domestic, 10 lb. boxes lb	...	4.60	Nitrate, tech. crys. 225 lb. bbls. lb	...	...	336 lb. kegs. lb	...	.42
Aminoazobenzene, 110 lb. kgs. lb	...	1.15	Refined Crystals, bbls. lb	.21	.23	Tartricolate, 500 lb. bbls. lb	...	.45
			CP gran 100 lb. kegs. lb	.35	.37	Antipyrene, USP, 100 lb. cases lb	1.90	2.00
			Oxalate, pure, 100 lb. kegs. lb	.40	.42	Apomorphine Hydrochloride, 1/4 oz. vials. lb	...	22.75
						Areoline Hybromide, 1 oz. vial. oz	6.25	7.82
						Argols, red powd., 350 lb. bbls. lb	.06	.07

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PRICES CURRENT SECTION

Chemicals

Arsenic, metal, 220 lb kegs.... lb .45 Red, 224 lb kegs cases.... lb .15 : .15% White, 220 lb cases to 350 lb bbls., NY..... lb .06% : .06% Asbestos..... ton 16.00 : 18.00 Aspirin, see Acid acetylsalicylic Atropine, Alk. USP, 1 oz. vial... oz 5.00 : 5.57 Sulfate, 5 oz. cans..... oz .275 Single ounce..... oz .292 BARIUM BINGXIDE, see Barium dioxide Carbonate, precip., 800 lb bbls. wks..... ton 65.00 : 70.00 Precip., 200 lb bgs, wks..... ton 64.00 : 65.00 Imports, bbls., spot..... ton 54.00 : 55.00 Chloride, 800 lb bbls., wks..... ton 75.00 : 80.00 200 lb bgs, wks..... ton 73.50 : 75.50 Import, bbls., spot..... ton 65.00 : 67.00 Dioxide, 85% 690 lb drs..... lb .17 : .18 Import, 86-88% 400 lb drs. lb . : .15 Hydrate, 500 lb bbls..... lb . : .05 Iodide, 5 lb box..... lb : 5.15 Nitrate, 700 lb casks..... lb . : .10 Import casks..... lb .07% : .08 Sulfocyanide 400 lb bbls..... lb . : .35 Barytes, floated 350 lb bbls wks. ton 23.00 : 24.00 Imported..... ton 29.00 : 33.00 Bay Rum, Porto Rican, genuine Medicated salicyl. acid or tartar emetic 45 gal. bbls..... gal 1.05 : 1.15 Medicated quinine sulf. 45 gal. bbls..... gal 1.05 : 1.15 Domestic synthetic, 50 gal. bbls..... gal .90 : 1.00 St. Thomas Medicated salicyl. acid or tartar emetic, 50 gal. bbls..... gal 1.10 : 1.30 Benzaldehyde, tech. 945 lb drs. wks..... lb .70 : .75 USP, 40 lb cbs..... lb 1.40 : 1.50 FFC, 40 lb cbs..... lb 1.50 : 1.65 BENZENE, 90% 8000 gal. tanks wks..... gal . : .23 110 gal. drs., wks..... gal . : .28 Pure Tanks, wks..... gal . : .25 110 gal. drs. wks..... gal . : .30	Benzidine Base, dry 250 lb bbls. lb .73 : .80 Benzidine Sulfate, paste 350 lb bbls..... lb .70 : .72 Benzol, see Benzene Benzonaphthol, 5 lb boxes..... lb 3.50 : 3.60 Benzoyl Chloride, 500 lb drs..... lb . : 1.00 Benzyl Acetate, 100 lb cbs..... lb 1.55 : 1.75 Alcohol, 5 lb bot..... lb 1.45 : 1.55 Benzoate, 5 lb bot..... lb 1.60 : 1.75 Medicinal FFC..... lb 1.75 : 2.00 Chloride, 95% tech. 925 lb drs. lb . : .25 100 lb cbs..... lb .25 : .30 Redistill. 160 lb cbs..... lb .40 : .45 Formate, 1 lb bot..... lb 3.00 : 3.25 Berberine Hydrochloride, 1 lb bot..... lb . : 22.50 Sulfate, acid or neut. 1 lb bot. lb . : 22.00 BETA-NAPHTHOL, 350 lb bbls. wks. lb . : .25 Carlots, wks..... lb . : .23 Sublimed..... lb .55 : .60 Beta-Naphthylamine, tech. 300 lb bbls..... lb .65 : .67 Sublimed, 200 lb bbls..... lb . : 1.35 Bichloride Mercury, see Mercury Bichloride BISMUTH metal, 150 lb cases..... lb . : 1.61 Second Hands..... lb . : 1.61 Ammon. Citrate, USP 5 lb bxs. lb . : 5.30 Betanaphtholate, 5 lb bxs..... lb . : 2.85 Citrate, USP 5 lb bxs..... lb . : 2.55 Nitrate, 25 lb jars..... lb . : 1.65 Oxchloride, 25 lb bxs..... lb . : 3.05 Phenolsulfonate, 5 lb cans..... lb . : 2.70 Salicylate, 25 lb bxs..... lb . : 1.75 Subcarbonate, USP, 25 lb bxs..... lb . : 2.65 X-Ray diag. 1 lb bot..... lb . : 3.20 Subgallate, USP, 25 lb bxs..... lb . : 2.30	BISMUTH—(Continued) Subiodide, 5 lb lots..... lb . : 4.15 Subnitrate, USP, 25 lb jars..... lb . : 2.35 Second Hands..... lb . : 2.35 Cones, 1 lb bot..... lb . : 3.35 Subsalicylate, USP, 175 bbls. lb . : 2.60 Tannate, 1 lb bot..... lb . : 2.20 above on basis 25 lb lots. Smaller lots at an advance. Blanc Fixe, dry 400 lb bbls. wks. ton 75.00 : 86.00 Imported, bbls..... ton 70.00 : 73.00 Paste, 650 lb bbls..... ton 50.00 : 55.00 BLEACHING POWDER, 700 lb drs. c/l wks..... 100 lb . : 2.00 Drums 1c/l ex-warehouse..... 100 lb 2.35 : 2.60 Contract, c/l wks..... 100 lb 1.90 : 2.15 Drums, 1c/l wks..... 100 lb 2.15 : 2.40 Imported, spot..... 100 lb . : . Blue Ointment, see Mercury Mass, see Mercury Bone Ash, 100 lb kegs..... lb .06 : .07 Black, 200 lb bbls..... lb . : .06 Borax, USP, crys. 400 lb bbls. lb .05 : .05% Powdered, USP, 300 lb bbls..... lb .05 : .05% Kegs USP, 100-150 lb..... lb .05% : .05% Bordeaux Mixture, 10% pd. bbls. lb .11% : .18 Paste, bbls..... lb .08 : .10 Borzeol. 1 lb bot..... lb . : 3.50 Bromide, see potass. bromide, etc. Bromine, bot in 60 lb cs. wks. lb . : .39 Bromobenzene, 600 lb drums..... lb .40 : .42 Bromoform, USP 5 lb bot 50 lb cs. lb . : 1.65 Brucine Sulfate, 100 ozs..... oz .15 : .25 Butter of Antimony, see Antimony Chloride CADMIUM, metal 100 lb bxs..... lb .95 : 1.00 Bromide, 50 lb cases jars..... lb . : 1.30 Iodide, 10 lb bot..... lb . : 4.45 Sulfide, cs..... lb 1.50 : 1.60
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Chemicals

CAFFEINE ALK, USP 5 lb cans..D	3.50	: 3.75	CAMPOR, Amer. ref: 250 lb	...	: .80	Chalk, drop 175 lb bbls.....D	...	: .03%
Second Hands	3.40	: 3.45	bbls.....D	...	: .81%	Precip. light 250 lb cks.....D	...	: .04%
Hydrochloric, 1 lb bot.....D	6.05	: 6.55	2 1/2 lb slabs, 100 lb cs.....D	...	: .81%	Precip. heavy 500 lb cks.....D	...	: .04%
Sulfate, 1 lb bot.....D	5.40	: 5.90	1 lb cakes, 100 lb cs.....D	...	: .81%	Bulk	5.00	: 8.00
Citric, 25 lb cans	2.90	: 3.10	1 cs tab., 1 lb ctms.....D	...	: .85%	Precip. English, 7 lb bags.....D	...	: .07%
Hydrobromide, 1 lb bot.....D	4.65	: 4.90	100 lb cs.....D	...	: .86	Charcoal, Bone, see bone black	...	
CALCIUM Acetate, 150 lb bgs, c/l	...		1/2 cs tab., 1 lb ctms.....D	...	: .86	Wood, powd. 100 lb bbls.....D	...	: .05
100 lb .....	...	: 3.00	100 lb cs.....D	...	: .86	Willow, powd. 100 lb bbls.....D	...	: .07
Arsenate, 100 lb bbls. c/l wks..D	...	: .08	Jap. ref., 2 1/2 lb slabs. 100 lb	...	: .87	China Clay, Dom., crude.....ton	6.00	: 8.00
Bromide, 100 lb cs.....D	...	: .50	cs.....D	...	: .68	Washed & Ground	2.00	: 15.00
Carbide, 220 lb dr. c/l wks..D	...	: .04%	1 cs tab., 100 lb cs. 1 lb	...	: .80	Imp., Filler Clay.....ton	12.00	: 15.00
Drums, lc/l wks.....D	...	: .05	time .....	...	: .80	Coating	18.00	: 20.00
Carbonate, tech. 100 lb bags	...		1/2 cs tab., 100 lb cs. 1 lb	...	: .81	Chloral Hydrate, USP 100 lb drs..D	...	: .75
c/l	1.00	: 1.10	time .....	...	: .81	25 lb jars .....	...	: .85
USP, precip. 175 lb bbls.....D	...	: .04	Chinese ref. 2 1/2 lb slabs 100 lb	...	: .88	Chinoidin, 140 lb drs.....D	...	: .40
Chloride, solid, 650 lb drs. c/l	...	: 24.50	cs. D.....D	...	: .88	Chloramine-T, 5 lb bot.....D	1.25	: 2.50
f.e.b. NY .....	...	: 19.50	Crude, 100 lb cs.....D	...	: .88	Chlorosane, 5 lb bot.....D	...	: .78
Imp. shipment .....	...	: 30.50	Campor, Monobrom., 100 lb cs..D	1.75	: 1.85	Chlorhydrin, Ethylene anhyd. 600 lb	...	: .75
Gran., 350 lb drs. c/l f.e.b.	...	: 30.50	Caramel, 50 gal. bbls.....gal	...	: .70	drs.....D	...	: .85
NY .....	...	: 30.50	Carbonol, 250 lb bbls.....D	...	: .50	40% soln. 100 lb cbs.....D	...	: .30
Flake 330 lb drs. c/l drs. f.e.b.	...	: 30.50	Carbon Bisulfide, 500 lb drs. lc/ NY	...	: .06%	CHLORINE, Liquid 2000 lb c/l	...	: .04%
NY .....	...	: 30.50	c/l drums. NY .....	...	: .06	c/l wks.....D	...	: .04
Anhyd., 350 lb drs. f.e.b. NY..D	...	: .13	Carbon Black, 12 1/2 lb bags.....D	...	: .09	Tank car lots, wks. Contract..D	...	: .04
Glycerophosphate, 250 lb bbls..D	...	: 1.40	Carbon Dioxide, Liquid, 20-25cyl.	...	: .06	100 lb c/l c/l wks.....D	...	: .05%
Hydrate (see Lime)	...		Carbon Tetrachloride, 1400 lb drs.	...	: .06%	100 lb c/l lc/l wks.....D	...	: .07
Hypophosphite, USP, 25 lb cans..D	.60	: .65	NY .....	...	: .06%	100 lb c/l lc/l ex-warehouse..D	...	: .08
Iodide, 5 lb bot.....D	...	: 4.40	Drums, c/l NY.....D	...	: .06%	Chlorobenzene, mono. 1000 lb drs.	...	: .10
Lactate, tech. 500 lb bbls.....D	...	: .13%	700 lb drs single NY.....D	...	: .07	wks.....D	...	: .11
U.S.P. ....	.50	: .60	Camidine, No. 40, 5 lb boxes.....D	4.75	: 4.85	Drms. c/l wks.....D	...	: .08
Nitrate, 220 lb bbls. c/l NY ton	...	: 40.00	Casein edib. 100 lb kgs.....D	...	: .45	Tank car lots wks.....D	...	: .08
Phosphate, tech. 350 lb bbls..D	.09	: .10	Technical, 200 lb bbls.....D	...	: .10%	CHLOROFORM, USP 50 lb drs..D	...	: .35
Phosphate, precip. tribasic 200 lb	...	: .11	Castoreum, 1 lb boxes	4.00	: 4.50	Second Hands, 650 lb drs.....D	...	: .32
bbls., wks.....D	.11	: .14	Castor Oil, USP, 50 gal. bbls.....D	...	: .17%	Technical, 650 lb drums.....D	...	: .31
Phosphate, mono. 325 lb bbls..D	.07	: .08	Cases, 80 lb 2 tins.....D	...	: .18%	Chlorophyll, Oil Sol.....D	2.50	: 2.75
Sulfocarbonate. 100 lb kgs.....D	.55	: .57	Tech see Fixed Oils	...		Water Sol.....D	3.75	: 4.00
Calomel, see Mercury	...		Caustic Potash, see polish, caustic	...		Chromium Acetate, 20° soln. 400 lb	...	: .07
			Soda, see soda, caustic	...		bbls.....D	...	: .08
			Cellulose Acetate, 100 lb cases..D	1.75	: 2.00	Fluoride, Powd. 400 lb bbls.....D	...	: .30
			Cerium Oxalate, USP 100 lb kgs..D	.35	: .38	Soln. 400 lb bbls.....D	...	: .425
						Chrysarobin, USP, 5 lb cans.....D	...	: 5.00
						Chinoidin, alk. pd. 100 oz. tins	...	: .60
						Crystal	: .65
						Sulfate, 100 oz. tins.....oz	...	: .40
						Resale, 1,000 oz. lots.....oz	...	: .39

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Cinchonine alk., pvd. 100oz. tins.oz	...	: .38	COPPER metal electrolytic c/l	13.87	: 14.00	Diethyl Sulfate tech. 50 gal. drs. lb	.20	: .25
Crystal	...	: .43	NY	14.00	: 14.50	CP drums	.40	: .50
Sulfate, 100 oz. tins.oz	...	: .25	Lake c/l NY	14.00	: 14.50	Digitatin, Pure, 1 oz. vial.....oz	9.75	: 10.25
Citrine Ointment, see Mercury			Casting, c/l NY	...	: 13.37	Dimethylamine, 840 lb drs. wds. lb	.35	: .38
Coal Tar, See Tars			Carbonate, 400 lb bbls. lb	.16	: .17	Dimethylsulfate, 100 lb drs. lb	...	: .50
Cobalt metal, 100 lb kegs. lb	2.50	: 3.00	Chloride, 250 lb bbls. lb	...	: .28	Dinitrobenzene, 400 lb bbls. lb	.16	: .17
Cobalt Oxide, 500 lb bbls. lb	...	: 2.10	Cyanide, 100 lb drs. lb	.49	: .50	Dinitrochlorobenzene, 400 lb bbls. lb	.18	: .19
10 lb tins, 200 lb cases. lb	...	: 2.45	Iodide, 5 lb bot. lb	...	: 5.65	Dinitronaphthalene, 350 lb bbls. lb	.32	: .34
COCAINE alk., USP, 1 oz. vial. ....oz	...	: 10.00	Oxide, red 1600 lb bbls. ton lots lb	.16 1/2	: .17	Dinitrophenol, 350 lb bbls. lb	.32	: .35
Hydrochloride, USP—1 oz. vials, 25 ozs. ....oz	...	: 7.07	Sub-Acetate, vard. 440 lb bbls. lb	.23	: .28	Dinitrotoluene, 300 lb bbls. lb	.19	: .20
In 1/2 oz. vials. ....oz	...	: 7.50	SULFATE, crys. 450 lb bbls. lb/l	4.75	: 4.90	Dionin, see Morphine, Ethyl		
In crystals, granular, powder, or flaky crystals as desired.			spot	4.60	: 4.65	Diphenylamine, 250 lb bbls. lb	.48	: .50
Cocoa Butter, bulk, 200 lb bales. lb	.24	: .25	Carlota, bbls. delivered. 100 lb	4.75	: 4.90	Diphenylguanidine, 170 lb bbls. lb	1.10	: 1.15
Fingers, cakes, etc. 12 lb bxs. lb	.34	: .35	Imp. 550 lb cask spot. lb	4.40	: 4.50	Dover's Powder, USP 5 lb tins. lb	2.20	: 2.30
CODEINE alk., 1 oz. vis. 10 oz. lots	...	: 9.87	Powdered, 350 lb 5 bbls. lb	5.50	: 5.75	Duboisine Sulfate, 1 oz. vial. ....oz	...	: 30.97
Hydrobromide, 1 oz. vis. 10 oz. lots	...	: 7.92	Copperas, bulk c/l wks. ton	...	: 15.00	EARTH, Diatomaceous. see Kieselguhr		
Hydrochloride, 1 oz. vis. 10 oz. lots	...	: 8.77	200 lb bgs. c/l wks. ton	...	: 18.00	Emetine alk., 15 gr. vis. ....oz	...	: 1.30
Nitrate, 1 oz. vis. 10 oz. lots. ....oz	...	: 8.77	400 lb bbls. c/l wks. ton	...	: 20.00	Hydchilde, USP 1 oz. vial. ....oz	17.00	: 17.50
Phosphate, 1 oz. vis. 10 oz. lots	...	: 7.42	Powdered, bbls. 100 lb	1.90	: 2.00	15 gr. vials. ....oz	...	: .70
Salicylate, 1 oz. vis. 10 oz. lots	...	: 7.42	Sugar, 400 lb bbls. 100 lb	1.25	: 1.35	EPSON SALT, tech. 300 lb bbls.		
Sulfate, 1 oz. vis. 10 oz. lots. ....oz	...	: 7.92	Corn Syrup, 42 deg. 50 gal. bbls. 100 lb	...	: 4.28	NY	...	: 2.15
Small Sizes, 1/2 oz. vials, 50c extra, 1/4 oz. 30c extra, singles 7c extra per oz.—25 oz. lots, 10c oz. cheaper than above. Less than 10 ozs. 15c oz. higher than above.			43 deg. 50 gal. bbls. 100 lb	...	: 4.31	Bbls. c/l NY. 100 lb	...	: 2.00
COD LIVER OIL, Norwegian, 30 gal. bbls. bbl	28.00	: 29.00	44 deg. 50 gal. bbls. 100 lb	...	: 4.38	100 lb bgs. c/l NY. 100 lb	1.70	: 1.75
Newfoundland, 30 gal. bbls. bbl	...	: ...	45 deg. 50 gal. bbls. 100 lb	...	: 4.45	Imp., 220 lb bgs. c/l	...	: 1.35
Colchicine alk USP 1 oz. vial. ....oz	...	: 15.07	Corn Sugar, see Glucose	...	: ...	NY	...	: 2.50
Salicylate, 1 oz. vial. ....oz	...	: 15.07	Cotton Soluble, 100 lb bbls. wet. lb	.40	: .42	USP, 300 lb bbls, 10 bbls. 100 lb	...	: 2.10
Cellodion USP 30 lb drums. lb	...	: .32	Coumarin, 25 lb tins. lb	3.25	: 3.45	Carlota, bbls. 100 lb	2.10	: 2.15
			Second Hands	3.25	: 3.30	Imported, 400 lb bbls. 100 lb	1.75	: 2.06
			CREAM TARTAR, USP. 300 lb bbls. lb	.21 1/4	: .21 1/2	100 lb kegs. 100 lb	2.00	: 2.25
			Imp. powd. USP, 224 bbls. lb	.20 1/4	: .21	Ergotin, Bonjean, 1 lb jars. lb	6.00	: 6.35
			Creosote, USP, 42 lb clys. lb	...	: .45	Eserine alk., 1 oz. vial. ....oz	...	: 24.07
			Carbonate, 1 lb bot. 25 lb lb	1.70	: 1.80	Salicylate, USP 1 oz. vial. ....oz	...	: 16.07
			Creosote Oil, 50 gal. drs. gal	.26	: .30	Sulfate, USP VIII, 1 oz. vial. ....oz	...	: 11.07
			Cresol, USP, 400 lb drums. lb	.22	: .23	ETHER, USP 55 lb drums. lb	...	: .13
			Cyanamide, bulk c/l wks. Amm. unit	1.90	: 2.00	Anaesthesia, 55 lb drums. lb	...	: .16
			DIAMINOPHENOL, 100 lb kegs. lb	...	: 3.80	USP, 1880 55 lb drums. lb	...	: .40
			Dianisidine, 100 lb kegs. lb	4.00	: 4.50	Washed, 55 lb drums. lb	...	: .32
			Dichlorobenzene, 1000 lb drs. lb	.06	: .07	Motor, 1 lb cans. lb	.24	: .27
			Diethylaniline, 550 lb drs. lb	.58	: .61	Ether, Nitrous, 1 lb bot. lb	.92	: .95
			Diethyl Phthalate, 25 lb cans. lb	.40	: .45	Ethyl Benzyl Aniline, 300 lb drs. lb	1.15	: 1.25
			1000 drs. lb	.35	: .40			



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Chemicals

Ethyl Acetate, 99% 50 gal. drs. gal. 1.15 : 1.18	Gelatin, USP silver lbl. 100 lb. cs. lb. .65 : .68	Hydrastinine Hydrochloride, USP 15 gr. vials . . . : 1.00
85% Ester, 100 gal. drs. gal. . . . : .95	Gold Label, 100 lb. cases. . . . : . . .	Hydrazobenzene 100 lb. kegs. . . . : . . .
Carlots, drums : .92	Technical, 100 lb. cs. . . . : .50 : .55	HYDROGEN PEROXIDE, 25 vol. 400 lb. bbls. . . . : . . .
Tanks Cars : .90	GLAUBER'S SALT, tech. 200 lb. bags, 1c/l wks. . . . : 1.15 : 1.25	100 vol. 145 lb. cys. . . . : .38 : .38
Refined, drums : 1.77 : 1.80	350 lb. bbls. c/l wks. . . . : 1.25 : 1.25	USP Soln. 375 lb. bbls. . . . : .05 : .05 1/2
Bromide 115 lb. drs. . . . : .40	Bbls. 1c/l wks. . . . : 1.30 : 1.65	100 vol. 145 lb. cys. . . . : .48 : .48
Chloride, 200 lb. drs. 15 lb. cpl. lb. .26 : . . .	Imported, bbls. spot. . . . : .85 : .90	USP bot. 4 oz. cases. . . . : 8.00 : 8.25
Methyl Ketone, 50 gal. drums. lb. .25 : .25 1/2	USP, 300 lb. bbls. imp. sp. . . . : 1.25 : 1.25	Bot. 8 oz. cases. . . . : 11.75 : 12.00
Morphine, see Morphine, Ethyl : . . .	USP, 300 lb. bbls. dom. sp. 100 lb. . . . : 1.75 : 1.75	Bot. 16 oz. cases. . . . : 19.75 : 20.00
Ethylene Bromide, 600 lb. drs. . . . : .60	USP, 300 lb. bbls. c/l wks. 100 lb. . . . : 1.40 : 1.40	Hydroquinone, 100 lb. kegs. . . . : 1.40 : 1.60
Glycol : .65 : 1.00	Calcined, see Sodium Sulfate : . . .	Hyocine Hydrobrom. USP 1 oz. vial . . . : 9.57
Chlorhydrin, anhyd. 50 gal. drs. lb. .75 : .85	Glucose, (Grape Sugar) dry, 100 70° bags, c/l NY. . . . : 4.29 : 4.54	Five ozs. 1 oz. vials. . . . : 9.00
40% Solution, 50 gal. bbls. lb. .25 : .30	Syrup, Drs. & bbls, c/l NY 100 lb. . . . : 4.28 : 4.45	Hyocyanine Alk. Cryst., 1 oz. vial. . . : 20.07
Dichloride, 50 gal. drs. . . . : .25	1c/l NY : 4.30 : 4.55	Alkaloid, Amorphous, 1 oz. vial. . . : 75.07
Ethylidenedianiline : .70	GLUE, pure white, bbls. . . . : .22 : .26	Hydrobromide, USP 1 oz. vial. . . : 25.07
Eucalyptol, 25 lb. cans : .80	Medium white, bbls. . . . : .20 : .24	Sulfate, 1 oz. vial. . . . : 20.07
Feldspar, bulk : 20.00 : 25.00	French, bbls. . . . : .18 : .25	INDOL, C. P., 1 oz. bot. . . . : 6.00 : 6.50
FERRIC CHLORIDE, tech. crys. . . . : . . .	High Grade, bbls. . . . : .35 : .40	Iodides, see Potass. Iodide, etc. . . . : . . .
475 lb. bbls. . . . : .07	Bone, regular, bbls. . . . : .10 : .12	IODINE, crude, 200 lb. kegs. . . . : 3.97
Imported : .06 1/2	Fish, bbls. . . . : 1.50 : 1.75	Renublimed, 10 lb. jars : 4.75
USP, crys. 100 lb. kegs. . . . : .08	GLYCERIN, C. P. 550 lb. drums. lb. .18 1/2 : .19	Tincture, USP, 50 gal. bbls. gal. 4.30 : 4.40
Imported : .07 1/2	Cans, 50 lb. . . . : .19 1/2 : .21 1/2	Carboys : 4.45 : 4.55
Neut. Sol'n 40° 140 lb. cys. . . . : .08	Dynamite, 100 lb. drs. . . . : .17 1/2 : .17 1/2	Iodoform, powd. 10 lb. bot. . . . : 5.50
48°, 140 cys. . . . : .08	Saponification, tanks : .13 : .13 1/2	Crystals, 10 lb. bot. . . . : 6.50
USP Sol'n 125 lb. cys. . . . : .05 1/2	Soap, Lye tanks : .12 : .12 1/2	Tridium, metal 10 oz. lots. . . . : 260.00
Ferrous Chloride, crys. tech. . . . : .06 : .06 1/2	Goa Powder, see chrysarbin : . . .	Iron, metal by hydrogen 1 lb. bot. lb. .80 : 1.00
Ferrous Sulfate, 1000 lb. bbls. 100 lb. 2.50 : 3.00	Graphite, crude 220 lb. bags. . . . : 15.00 : 35.00	IRON & AMM. CITRATE, USP 50 lb. cans . . . : .69
Fla. White, see lead, white : . . .	Flake, 500 lb. bbls. . . . : .05 : .09	Green scales. 50 lbs. . . . : .69
Fluompar, 95% 220 lb. bgs. ex-dock : 25.00	Ground, lump, bbls. . . . : .04 : .05	Cacodylate, 10 lb. bot. . . . : 6.50 : 6.75
96% bgs. . . . : . . .	Guaiaicol Liquid, USP, 25 lb. cans. lb. 2.35 : 2.45	Citrate, USP VIII 25 lb. cans. lb. .99 : 1.01
98% bgs. . . . : 33.50	Benzonate, 1 lb. bot. . . . : 18.00	Chloride, see ferric or ferrous : . . .
FORMALDEHYDE, USP 400 lb. bbls. c/l wks. . . . : .09 : .09 1/2	Carbonate, 5 lb. boxes : 4.60 : 4.75	Hypophosphite, 5 lb. cans. . . . : 1.50 : 1.60
Carboys, 100 lb. 1c/l wks. . . . : .10 1/2	Second Hands : 3.85 : 3.40	Syrup, USP VIII : .30
Bbls., 400 lb. 1c/l wks. . . . : .10 : .10 1/2	HAARLEM OIL, Dom. 6 gr. cs. gross Imported, 5 gr. cases. . . . : 4.00 : 4.25	Iodide, 1 lb. bot. . . . : 4.25
Second Hands : .09 : .10	Holansone, 5 lb. bot. . . . : 2.75 : 3.25	Syrup, USP, 5 lb. bot. . . . : .35 : .36
Fontel Flour : .64	Hexamethylenetetramine, USP 100 lb. drums : .75 : .77 1/2	Nitrate, kegs : .09 : .10
Formalin : .50	Imported : .65 : .67	Com'l, bbls. . . . : 2.75 : 3.25
Fuller's Earth, 200 lb. bgs. c/l mines : 15.00 : 17.00	Rubber Makers, Impalp. Pd. drs. . . . : .82 1/2 : .85	Oxalate scales 25 lb. cans. . . . : .85 : .88
Imported, 230 lb. bags NY. . . . : 35.00 : 40.00	Homatropine Hydrobrom. USP 1 oz. vial . . . : 14.57	Oxide red, Spanish : .03 1/2 : .07 1/2
Furfural, 300 lb. bbls. . . . : .25 : .30	Five ozs., 1 oz. vials. . . . : 13.50 : 13.50	& Ammon. Oxalate 25 lb. bxs. lb. .42 : .45
Fusel Oil, 10% Impurities, drs. gal. 3.25 : 3.40	Hydrastine Alk., USP, 1 oz. vial. . . : 14.00 : 14.57	& Potassium Oxalate, 25 lb. bxs. lb. .45 : .47
Fusel Oil, pure 350 lb. bbls. basis 100% : .60 : .65	Hydralide, USP, 1 oz. vial. . . : 14.57 : 14.57	& Sodium Oxalate, 25 lb. bxs. lb. .41 : .43
	Sulfate, 1 oz. vial. . . . : 16.07 : 16.07	Phosphate, USP 50 lb. . . . : .69
		Pyrophosphate, USP, 50 lb. . . . : .74

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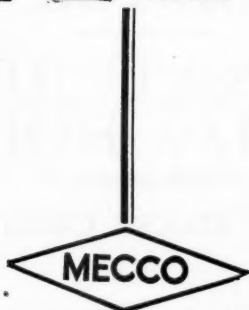
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CINCINNATI

Chemicals

JALAP RESIN, lump 5 lb tins..lb	3.25	3.35	Linalool, 5 lb bot.....lb	6.25	6.75	Manganese—(continued)		
Powd. tins.....lb	3.40	3.50	Litharge, see lead oxide			Glycerophosphate, 5 lb tins....lb	...	2.95
Kapoc, 200 lb double bales....lb	.25	.28	Lithium Carb. USP, 100 lb kgs..lb	1.50	1.60	Hypophos. USP VIII 5 lb cans..lb	...	1.40
KIESELGUHR, 95 lb bags NY...ton	60.00	70.00	Bromide, 100 lb cs.....lb	1.75	1.85	Iodide, 1 lb bot.....lb	...	6.65
LANOLIN, see Adeps Lanæ			Citrate, USP, 100 lb kgs.....lb	1.70	1.75	Ore, bulk, NY.....lb	.40	.45
LEAD, metal c/NY.....100 lb	8.65	9.00	Iodide, 5 lb bot.....lb	...	7.50	Sulfate, 600 lb casks NY....lb	...	.08
Acetate, white crystals 500 lb			Lithopone, 400 lb bbls, c/l wks..lb	...	.08%	Marble Flour, bulk.....ton	10.00	12.00
Bbls. wks.....lb	...	.15%	Bbls. c/l wks.....lb	...	.08%	See also Calcium Carbonate		
100 to 250 lb kgs. wks..lb	...	.16	Bags, c/l wks.....lb	...	.08%	MENTHOL, USP, 60 lb cases....lb	...	14.00
White, broken, bbls. wks.100 lb	...	14.75	Imported, 400 lb bbls.....lb	.05%	.05	Less cases, 5 lb tins.....lb	...	14.50
White, gran., bbls., wks.100 lb	...	15.00	Litmus Cubes.....lb	.90	1.00	Domestic, USP, 60 lb cases....lb	...	...
White, powd., bbls. wks.100 lb	...	16.25	Luminal, see Phenylethylmalonyurea			MERCURY, metal, 75 lb flasks..flask	69.50	70.00
Kegs, wks.....lb	...	.16%	MAGNESITE, crude.....ton	...	15.00	Less Flasks, 5 lb jugs.....lb	...	1.10
Brown, broken, bbls. wks..lb	...	.14%	Calcined, 500 lb bbls.....ton	...	55.00	Bichloride, cryst. 25 lb bxs....lb	...	1.13
USP, 100 lb kgs.....lb	.15%	.16	Magnesium mtl., sticks 100 lb cs..lb	1.35	1.39	Gran. powd., 200 lb kgs....lb	...	.98
Arsenate, 100 lb bbls. c/l wks..lb	.21	.26	Carb. tech. 70 lb bags NY...lb	.08	.03%	Risulfate, 25 lb boxes.....lb	...	.96
Bbls. c/l wks.....lb	.17	.19	75 lb bbls. NY.....lb	.09%	.10%	Blue Mass, 25 lb boxes.....lb	...	.66
Paste, 100 & 600 lb bbls..lb	.10	.15	USP, 60 lb bbls.....lb	.12	.14	Powdered, 25 lb boxes.....lb	...	.68
Iodide, USP VIII 5 lb bot.....lb	3.20	3.40	USP, blocks 100 lb cs. 1, 2, 4	...	.19	Blue Ointment, USP 25 lb cans	...	.86
Nitrate, 500 lb bbls. wks..lb	...	.12	ozs.....lb	...	.23	50%.....lb	...	.86
Oxide, lithege, 500 lb bbls..lb	...	.10%	Chloride, fused 575 lb drs. c/l	...	34.00	USP, dilute 25 lb cans 30%..lb	...	.66
100 lb kgs. wks.....lb	...	.15	wks.....lb	...	36.00	83 1/4% Mercury.....lb	...	.74
100 lb kgs. wks.....lb	...	.15	Flaked, 350 lb drs. wks c/Lton	...	26.00	Calomel, 50 lb bxs.....lb	...	1.22
Peroxide, 100 lb drs.....lb	.25	.30	Imp., fused 900 lb bbls NY ton	26.00	28.00	Citrine Ointment 25 lb jars..lb	...	.51
White, basic carb. 500 lb bbls.			Fluocillate, crystals 400 lb bbls.			Iodide, green 25 lb jars.....lb	...	4.10
wks.....lb	...	.10	wks.....lb	.12	.15	Red, USP 25 lb jars.....lb	...	4.70
Bbls. c/l wks.....lb	...	.10	30% soln. 500 lb bbls. wks..lb	.07	.07%	Yellow, USP VIII 25 lb jars..lb	...	4.10
100 lb kgs. wks.....lb	...	.15	Soln. bbls. c/l wks.....lb	...	.06	Oxide, Yellow, USP, 25 lb bxs..lb	...	1.68
White, sulfate 500 lb bbls.wks..lb	...	.09%	Glycerophosphate, 5 lb tins..lb	...	3.25	Red Precip. USP, 25 lb bxs....lb	...	1.38
Bbls. c/l wks.....lb	...	.09%	Hypophosphate, 5 lb cans..lb	...	1.05	Powder, USP 25 lb bxs.....lb	...	1.48
Iodorce Ext. Mass, cases....lb	.25	.26	Oxide, USP light 100 lb bbls..lb	...	.42	White Precip. USP 25 lb bxs..lb	...	1.24
Compound powder, bbls.....lb	.11	.15	USP, heavy 250 lb bbls.....lb	...	.50	Powdered, USP, 25 lb bxs....lb	...	1.39
Powdered.....lb	.38	.40	Peroxide, 5 lb cans.....lb	...	2.40	With chalk, USP 25 lb bxs....lb	...	.68
Sticks, 1 cs. 100 lb cases..lb	.45	.50	Perborate, 1 lb tins.....lb	...	2.62	Meta-Nitraniline.....lb	.70	.80
LIME (Salts, see Calcium Salts)			Salicylate, 100 lb kgs.....lb	.75	.80	Meta-Nitro-para-Toluidine, 300 lb	...	2.20
Live, 325 lb bbls. ton lots, wks..lb	...	.01%	Sulfate, see Epsom Salts			bbls.....lb	...	.95
Single bbl. wks.....lb	...	.01%	Manganese Chloride, 600 lb csk.			Meta-Phenylenediamine, 300 lb	...	.90
Hydrated, 167 lb bbl, ton lots,			NY.....lb	.09%	.10	bbls.....lb	...	.95
wks.....lb	...	.01%	Borate, 30%, 200 lb bbls..lb	...	.24	Meta-Toluylenediamine, 300 lb	...	.85
Single bbl. wks.....lb	...	.01%	100 lb kgs.....lb	...	.25	bbls.....lb	...	.85
Oyster Shell, 150 lb bbl. single..lb	...	.03%	Dioxide, 80-84% 900 lb bbls.					
Sulfur, dry 200 lb drs. NY...lb	...	.08%	NY.....ton	80.00	85.00			
Dr. c/l NY.....lb08	85-90%, 900 lb bbls. NY ton	85.00	90.00			
33° Soln. 50 gal. bbls., NY.gal	.15	.16	Hydrated, precip. 100 lb kgs..lb	.15	.20			

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Chemicals

METHANOL (Wood Alcohol)			Musk Ambrette, 1 lb cans....			Ortho-Toluidine, 350 lb bbls....		
95% tanks.....gal	..	.67	NAPHTHA, See Solvent Naphtha			Oxgall, USP, 5 lb bot.....	..	2.00
Drums, c/l.....gal	..	.70	NAPHTHALENE, Flake, 175 lb bbls			Purified, 5 lb bot.....	..	1.50
Drums, 1c/l.....gal	..	.72	wks.....			Crude, 5 lb bot.....	..	.80
97% tanks.....gal	..	.69	Bbls., c/l wks.....			PALLADIUM, metal 10 oz. lots....		
Drums, c/l.....gal	..	.72	Bbls., second hands NY.....			Pancreatin, USP 5 lb bot.....	..	1.25
Drums, 1c/l.....gal	..	.74	Balls, 250 lb bbls. wks.....			Papain, 10 lb bot. USP, Pwdd....	..	2.15
Pure, Acetone free, tks.....	..	.75	Bbls., c/l wks.....			Crude, 150 lb cases.....	..	1.85
Drums, c/l.....gal	..	.77	Bbls., second hands NY.....			Paraffin, ref'd 200 lb cs. slabs		
Drums, 1c/l.....gal	..	.80	Crushed, chipped, bgs., wks....			123-127 Deg. M. P.....	..	.05%
Bbls. incl. 5c higher	..	.80	Crude, imp., bags.....			128-132 Deg. M. P.....	..	.05%
Methyl Acetone, 100 gal. drums	..	.75	Nickel Metal, electrolytic 100 lb			133-137 Deg. M. P.....	..	.06%
Tanks, cars.....gal	..	.75	kgs.....			138-140 Deg. M. P.....	..	.07%
Chloride, 90 lb cys.....	..	.50	Ingot, 100 lb kgs.....			Para-Aminoacetanilid, 100 lb		
Selicylate, USP, 5 lb cases....	..	.47	Salt, single 400 lb bbls. NY....			kgs.....	..	1.10
Second Hands, cases.....	..	.45	Double, 400 lb bbls. NY.....			Para-Aminophenol, 100 lb kgs....	..	1.15
Methylene Blue, tech. 100 lb kgs.	..	1.25	Oxide, 100 lb kgs NY.....			Hydrochloride, 100 lb kgs....	..	1.25
USP, medicinal 5 lb cans.....	..	2.00	Sulfate, 450 lb bbls.....			Para-Dichlorobenzene, 150 lb bbls.		
Mishler's Ketone, 225 lb bbls....	..	3.75	Nicotine, Free 40%, 8 lb tins....			wks.....	..	.17
Milk, powder 150 lb bbls.....	..	.14	Sulfate, 10 lb tins, 40%.....			25-50 lb kgs.....	..	.23
Milk Sugar, see sugar of milk	..		Nitro Cake, bulk wks.....			Paraldehyde, 100 gal drs.....	..	.48
Mineral Oil, see oil mineral	..		500 lb bbls.....			Paraformaldehyde, USP 100 lb cs.	..	.42%
Mineral Rubber.....ton	35.00	75.00	Nitrobenzene, crude, 1000 lb drs.			Para-Nitroacetanilid, 300 lb		
Monooacetate, 100 gal drums....	..	.50	wks.....			bbls.....	..	.50
Monochlorobenzene see chlorobenzene	..		Redistilled, 1000 lb drs. wks....			PARA-NITROANILINE, 800 lb. bbls		
Monochlorobenzene.....	..	.90	Nitronaphthalene, 550 lb bbls....			wks. ton.....	..	.66
Monochlorobenzene, 900 lb drs....	..	1.00	Nitrotoluene, mixed 1000 lb drs			Para-Nitrochlorobenzene, 1200 lb drs.		
Monomethyl paraminophenol sulfate	..		wks.....			wks.....	..	.20
100 lb drs.....	..	3.95	Ochre.....			Para-Nitro-ortho-Toluidine, 300 lb		
MORPHINE Sulfate, USP 5 oz. tins	..	7.35	Oil Fuel, see Fuel Oil			bbls.....	..	2.75
10 oz.....	..	7.35	OIL MINERAL, wh. 50 gal. bbls. gal			Para-Nitrophenol, 185 lb bbls....	..	.55
Acetate, 5 oz. tins 10 oz. lots on	..	7.35	Oil Mirbane, see nitrobenzene			Para-Nitrodimethylaniline, 120 lb		
Hydrobromide, 5 oz. tins 10 oz.	..	7.35	Orfium, see crude drugs			bbls.....	..	.95
lots.....	..	7.35	Orange Mineral, 500 lb casks NY..			Para-Nitrotoluene, 350 lb bbls....	..	.42
Hydride 5 oz. tins 10 oz.	..	7.35	500 lb bbls NY.....			Para-oxo Benzaldehyde, 100 lb	..	1.70
lots.....	..	7.35	Ortho-Aminophenol, 50 lb kgs....			kgs.....	..	1.55
Ethyl Hydride, 1/4 oz. vials 10	..	11.45	Ortho-Anisidine, 100 lb drs.....			Para-Phenetidin, 500 lb drs....		
oz.....	..	11.45	Ortho-Dichlorobenzene, 1000 lb drs.			Para-Phenylenediamine, 350 lb	..	1.30
Small Sizes: 1/4 oz. vials, 50c extra;	..		wks.....			bbls.....	..	1.35
1/4s 25c extra; single oz. vials, 7c ex.	..		Ortho-Nitrochlorobenzene, 1200 lb			Para-Toluene-Sulfonamide, 175 lb	..	.40
tra over price for 5 oz. tins, 25c ex.	..		dr. wks.....			bbls.....	..	.41
lots in 5 oz. tins, 10c on lower than	..		Ortho-Nitrophenol, 350 lb.....			Para-Toluene-Sulfochloride, 410 lb	..	.18
above schedule. Less than 10 oz. lots	..		Ortho-Nitrotoluene, 1000 lb drs.			bbls. wks.....	..	.20
15c or higher than above schedule.	..		wks.....			Para-Toluidine, 350 lb bbls. wks.	..	.80

NITRATE
SODADOUBLE REFINED CRYSTALS
GRANULATED OR POWDERED

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80 Maiden Lane, New York, N. Y.WHITING
DOMESTIC and IMPORTEDGAS CARBON
BLACK
DENATURED
ALCOHOL

SPOT STOCKS CARRIED

INDUSTRIAL CHEMICAL CO.
200 Fifth Avenue NEW YORK

Chemicals

PARIS GREEN			POTASSIUM—Continued		
Arsenic Bads, 500 lb kegs.... lb	.25	: .30	Chlorate, crys. 112 lb kegs. e/l		
Kegs. 100 lbs..... lb	.32	: .33	wks..... lb	.08	: .08%
Kits, 50, 28, 14 lbs..... lb	.34	: .35	Imp. 112 lb kegs. NY... lb	.08%	: .07
Packages, 5 and 2 lbs..... lb	.36	: .37	Powd., 112 lb kegs wks.... lb	.08%	: .09
Packages, 1 lb, 1/2, 1/4 lb.... lb	.39	: .43	Imp., kegs NY..... lb	.06%	: .08%
Paris White, see whitening, French			Gran. Imp. 112 lb kegs NY... lb	.10%	: .11
Pepsin, USP, 5 lb bot..... lb	2.25	: 2.50	Pyrotechnic, fine powd. NY... lb		: .07
PETROLATUM , green 300 lb bbls. lb	.02 1/4	: .03	USP, fine crys. 110 lb kegs		
Dark Amber, 300 lb bbls.... lb	.03 1/4	: .04	NY..... lb	.07	: .07%
Light Amber, 300 lb bbls.... lb	.04	: .05	Citrate, USP 50 lb..... lb		: .60
Cream White, USP 300 lb bbls. lb	.07	: .07 1/4	Cyanide, 110 lb cases..... lb	.60	: .65
Lily White, USP, 300 lb bbls. lb	.09	: .09 1/4	Glycerophosphate, 75% Soln. 25 lb		
Snow White, USP, 300 lb bbls. lb	.12 1/4	: .13	tins..... lb	1.35	: 1.50
Phenol, see also acid carbolie			Gualacol Sulfonate, 5 lb cans.		
Makers, 950 lb drums, spot.... lb	.24	: .25	10 lb..... lb	2.00	: 2.25
Small drums, 240-100 lb.... lb	.25	: .27	Hypophosphite, 10 lb cans.... lb	.80	: .85
Open market, dra..... lb		: .25	Iodide, USP, 100 lb cases.... lb	3.75	: 3.80
240 lb des. drs. wks.... lb		: .25	Second Hands, cases..... lb	3.60	: 3.70
Natural, 240 lb des. drs. wks.... lb		: .25	Lactophosphate, 4 oz bot..... oz		: .90
Phenolphthalein, USP, 100 lb drs. lb	1.30	: 1.40	Metabisulfite, 300 lb bbls.... lb	.18	: .20
5 lb cans 100 lb lots..... lb	1.40	: 1.50	Imp., 550 lb bbls.... lb	.10	: .12
Phenyl-Alpha Naphthylamine 100 lb			Muriate, 80%, 200 lb bags. NY		
kegs..... lb			K ₂ O unit..... lb		: .61%
Phenylethylalcohol, 1 lb bot. Dom lb	8.00	: 10.00	Nitrate, see Saltpetre		
Imported..... lb	7.00	: 7.75	Oxalate, neutral, 100 lb kegs.... lb	.35	: .40
Phenyliethylnonylurea, oz. pkts. oz		: 5.50	Perchlorate, 112 lb kegs..... lb	.09 1/4	: .10
Phosgene, 100 lb cylinders..... lb		: .40	PERMANCAN USP crys 500 lb		
Phosphorus trichloride 175 lb cyl. lb	.35	: .40	& 100 lb drs., wks.... lb	.14%	: .15%
Phosphorus red 110 lb cs. wks.... lb		: .90	Imp. 113 lb drs..... lb		: .15
Imported, 112 lb cases.... lb	.90	: 1.00	Prussiate, red, 500 lb cases.... lb	.38	: .40
Yellow 110 lb cs. wks.... lb	.35	: .37 1/4	Prussiate, yellow, 500 lb cases.... lb	.16 1/4	: .17
Imported 112 lb cases.... lb			Salicylate, 25 lb cans..... lb	.60	: .65
Phosphorus Trichloride, 175 lb cyl.			Sulfate, 200 lb bags, NY K ₂ O unit		: .85
wks..... lb		: .45	USP VIII. 100 lb kegs..... lb	.15	: .18
Phthalic Anhydride, 100 lb bbls. lb	.23	: .28	Sulfocyanide, CP 25 lb jars.... lb		: .50
Pilocarpine Hydrochloride, USP 25 oz			Tartrate, neutral, 100 lb kegs.... lb		: .51
lots, 1 oz vials..... oz	3.00	: 3.32	Titanium Oxalate 200 lb bbls. lb	.25	: .30
Nitrate, 25 oz..... oz		: 3.00			
Single ozs..... oz		: 3.32			
Alkaloid, 15 gr. vls..... ea		: .85			
Piperazine Hydrate, 1 lb bot.... lb		: 16.00			
Piperidine, 25 oz..... oz	1.10	: 1.25			
Pitch, Coal-Tar, wks..... ton	24.00	: 26.00			
Plaster Paris, tech 250 lb bbls. bbl		: 3.30			
True Dental, 300 bbls.... bbl		: 4.50			
Platinum, metal soft 10 oz. lots. oz		: 118.00			
Podophyllin, 5 lb bot..... lb	5.20	: 5.40			
Second Hands..... lb	4.75	: 4.90			
POTASH, CAUSTIC , solid 88-92%					
700 lb drs. wks..... lb		: .07 1/4			
Imp., 88-92% 700 lb drs. NY... lb	.07 1/4	: .07 1/4			
USP, by alcohol 5 lb cans.... lb	.46	: .48			
cases..... lb	.30	: .35			
POTASSIUM Acetate , USP, 100 lb					
kegs..... lb	.29	: .30			
Bicarbonate, crys. 320 lb bbls. lb	.10	: .10 1/4			
Bichromate, crys., 900 lb cases.... lb		: .08%			
Powd., 900 lb cases wks.... lb		: .12			
Binoxalate 300 lb bbls.... lb	.25	: .28			
Import, 112 lb bbls.... lb	.18	: .20			
Risulfate, C.P., 5 lb cans.... lb		: .30			
100 lb kegs..... lb		: .22			
Bromate, 100 lb cs..... lb		: .75			
BROMIDE , USP, cryst. 450 lb					
bbls..... lb	.47	: .48			
Graular, 300 lb bbls.... lb	.47	: .48			
Cases, 100 lb..... lb		: .49			
Imported, USP, 220 lb cs.... lb	.42	: .44			
CARBON 85% calc					
800 lb cks..... lb	.05	: .05 1/4			
80-85% nitrated 800 lb					
cks..... lb	.05	: .05 1/4			
90-95% calc casks..... lb	.05%	: .06			
96-98% calc casks..... lb	.05%	: .06			
99% calc. casks..... lb	.06 1/4	: .07			
100 lb kegs..... lb	.12 1/4	: .13			
99% CP casks..... lb		: .12 1/4			

Largest producers of Pure Phthalic Anhydride in the world

**SELDEN**

99.99+ % Pure.

Brand PHTHALIC ANHYDRIDEis the Product by which all other
Brands may be Standardized.**IT-IS-PURE**

Unless Phthalic Anhydride melted in a TEST TUBE, has the same colorless appearance as SELDEN BRAND, it contains foreign matter which proves it is *not* STANDARD.

It is possible that trouble in commercial or research work can be traced directly to the use of *impure* Phthalic Anhydride.

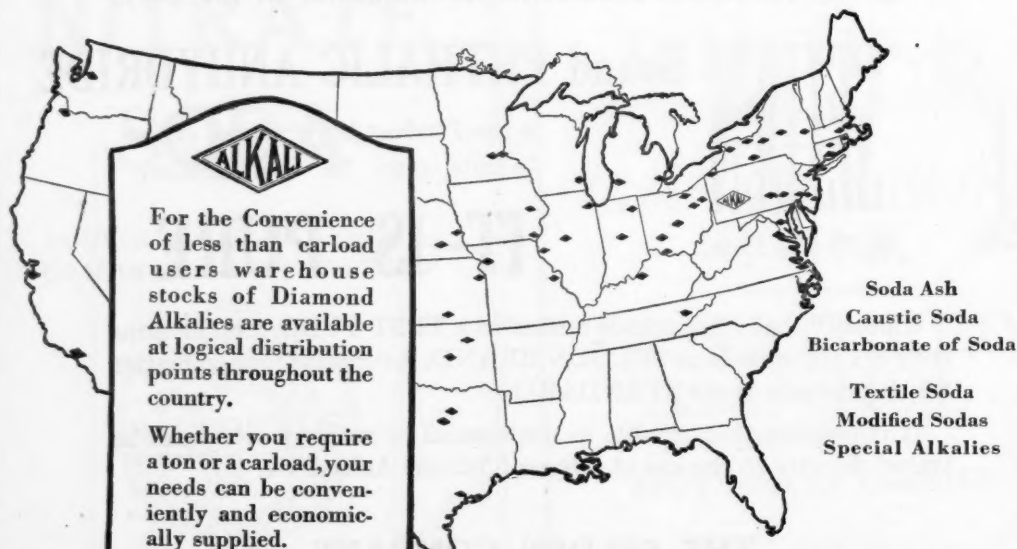
THE SELDEN COMPANY

Pittsburgh, Pa., U. S. A.

Chemicals

Pumice Stone, lump, 250 lb bbls. lb	.04%	.06	QUININE—(continued)			Santonin, USP, 1 lb bot.	150.00	353.00
Lump, bags	.03%	.05	Tartrate	.88		Powd. 1 lb bot.	153.00	357.00
Powdered, 350 lb bbls.	.02%	.03	Valerate	.89		Saponin, ex Quillaia, 5 lb tins	.90	1.10
Pyridine, 50 gal drums	4.00	4.10	Small Sizes: 100 vials or cans, 500z lots, 5c on extra; 500z cans, 500z lots 3c on extra; 250z cans, 500z lots, 2c on extra; single low vials or cans, 5c extra. All minor quinidine salts sold and quoted basis 1000z lots in 1000z cans. Sulfate and bisulfate sold basis 1000z lots in 1000z cans. Smaller orders or containers extra as above schedule.			Satin White, 500 lb bbls.	.80	.01%
QUICKSILVER, see Mercury						Schaeffer's Salt, 250 lb bbls. wks. lb	.80	.65
Quinidine Alk., 1000z tins	.75					Scopolamine, see hyoscine		
Sulfate, 100 oz. tins	.50					Sedilis Mixture, 225 lb tins	.16%	.16%
Quinodine, see Chinodine						SILICA		
QUININE SULFATE, USP,						Crude, bulk, mines	10.00	12.00
American, 100 oz. tins	.50					Refined, floated, bags	18.00	30.00
100 tins, 1000z lots	.57					Air floated, bags	32.00	50.00
Dutch, 1000z tins	.50					Extra, floated, bags	55.00	65.00
Java, 1000z tins	.50					SILVER, metal, American	.89%	
Japanese, 1000z tins	.50					Foreign	.69	
QUININE SULFATE, USP,						Colloidal, 16oz bot.	2.80	
Acetate	.28					Silver Iodide, 16oz bot.	.69	
Arsonate	.28					Nitrate, 16 oz. bot.	.34	.38
Benzoate	.28					Nucleinate, 16oz bot.	.34	.38
Bisulfate, USP	.50					Proteinates, 16oz bot.	.34	.38
Citrate	.62					Soap, Castile, 40 lb boxes	.20	.25
Dihydrochloride, USP	.66					Powd. USP, 250 lb bbls.	.28	.29
Dihydrumide	.66					Green, USP, 150 lb kegs	.07	.07%
Dicarbonate, 100z tins	2.50					Soapstone, see Talc, crude		
Ethyl Carbonate, 16oz. tins	.91					SODA ASH, 58% light		
Ferrocyanide	.38					1-4 bags, deliv'd NY	100 lb	2.19
Formate	.85					5 & Up bags, deliv'd NY	100 lb	2.04
Glycerophosphate	.28					1-4 bbls., deliv'd NY	100 lb	2.44
Hydriodide	.88					5 & Up bbls., deliv'd NY	100 lb	2.29
Hydrobromide, USP	.62					Contract, Basis 58% bags c/l wks.	100 lb	1.38
Hydrochloride, USP	.62					Prompt and spot, Basis 58% bags c/l wks.	100 lb	1.48
Hydrochlorosulfate	.66					Contract, Basis 58% drums bags c/l wks.	100 lb	1.48
Hydride & Urea, USP	.28					Prompt and spot, Basis 58% bags c/l wks.	100 lb	1.55
Hyperphosphite	.83					SODA, CAUSTIC, 76% solid		
Lactate	.78					1-4 drums deliv'd NY	100 lb	3.91
Phenolsulfonate	.58					5 & Up drums deliv'd NY	100 lb	3.76
Phosphate	.74					Ground & Flake, 76%		
Sulicylate, USP	.63					1-4 drums, deliv'd NY	100 lb	4.31
Tannate, USP	.45					5 & Up drums deliv'd NY	100 lb	4.16
						1-4 bbls. deliv'd	100 lb	4.56
						5 & Up bbls., deliv'd	100 lb	4.41
						Contract basis 76% c/l wks.	100 lb	3.10

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For the Convenience of less than carload users warehouse stocks of Diamond Alkalies are available at logical distribution points throughout the country.

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Soda Ash
Caustic Soda
Bicarbonate of Soda

Textile Soda
Modified Sodas
Special Alkalies

DIAMOND ALKALI COMPANY
PITTSBURGH, PENNA



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Solvay Extra Light Soda Ash "Fluf"

Solvay 58% Soda Ash

Dense—Light

Solvay 76% Caustic Soda

Solid—Flake—Ground

Solvay Super Alkali

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Solvay Laundry Soda

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Solvay Tanners Alkali

Solvay Tanners Soda

Solvay Liquid Caustic Soda

Solvay Calcium Chloride 73%—75%



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Chemicals

SODA CAUSTIC—(Continued)

Pmpt. and spot, Basis 76% c/l wks.100lb	...	3.20
Contract 74% low grade c/l wks. flat100lb	...	3.02
Ground & bako, 76% pmpt. and spot, wks. c/l drs. ....100lb	...	3.60
Contract 76% drums c/l wks. flat ....100lb	...	3.50
USP, stick, 10lb cans. ....lb	.19	.21
Pure, stick, by alcohol. ....lb	.25	.27
SODIUM ACETATE, crys. 450lb bbls.		
wks. ....lb	.04%	.05%
Aluminate, 500lb bbls. wks. ....lb	.07%	.08
Aluminum Sulfate, sec alum. soda Drums, 8lb material, wks. gal	.50	.60
Drums, 8lb material, wks. gal	1.00	1.20
Benzonate, USP, 100lb bbls. ....lb	.62	.65
Bicarbonate, 400lb bbls. NY. 100lb	...	2.25
Bbls. c/l wks. ....100lb	...	2.00
112lb kgs wks. ....100lb	...	2.25
112lb kgs, NY. ....100lb	...	2.50
Bichromate, 600lb casks wks. ....lb	...	.06%
Casks, c/l wks. ....lb	.06%	.06%
Casks, NY. ....lb	.06%	.07
Bisulfite dry powder, 500lb bbls. wks. ....lb	.04	.04%
Soluble, 32-40°, 500lb drums wks. ....100lb	1.25	1.75
Hydroxide, 100lb c/s. ....lb	...	1.05
BROMIDE, USP, 450lb bbls.		
NY. ....lb	.47	.49
Cases, 50lb ....lb	.47	.49
Imp. USP, 112lb c/s. ....lb	.44	.45
Carodylate, USP, 5lb. bot. 25lb ....lb	5.50	5.90
Carbonate, sal soda, 350lb bbls. NY. ....lb	1.30	1.35
Works c/l ....100lb	1.10	1.30
M. ....400lb bbl	...	2.40
lc/l NY. ....100lb	...	2.40
Photographic, 100lb kg ....lb	.06	.08
Chlorate, 112lb kgs, wks. ....lb	...	.06%
Imported, 112lb kgs. ....lb	.06%	.06%

SODIUM—(Continued)

Chloride, tech. 200lb bags. ton	12.00	13.00
C. P., 300lb bbls. ....lb	.05	.06
Chromate, 300lb bbls. ....lb	...	.08
Citrate, USP, IX, 50lb kgs. ....lb	...	.59
USP, VIII, 50lb kgs. ....lb	...	.52
Cyanide, 96-98%, 100lb cases wks. ....lb	...	.22
Ton lots, wks. ....lb	...	.22
73-76%, 100lb cases, wks. ....lb	...	.19%
125-128%, 200lb c/s. ....lb	.20	.20%
120-125%, 200lb c/s. ....lb	.17	.18
118-120%, 200lb c/s. ....lb	.16	.17
Fluoride, 300lb bbls, wks. ....lb	.08%	.09%
Imp. 350lb bbls. ....lb	...	.08%
Glycerophosphate, USP, cryst. 25lb c/s. ....lb	1.40	1.50
Powder, 25lb tins ....lb	1.45	1.60
Solution, USP, 25lb tins ....lb	1.05	1.15
Hydroxide, sec Soda Caustic Hypochlorite, Soln., 100lb c/s. ....lb	...	.05
14% soln., 50lb c/s. ....lb	...	.04
Hydrosulfite, 200lb bbls. fob. wks. ....lb	.22	.24
For Stripping, 50lb cans. ....lb	.35	.40
Hypophosphite USP 25lb cans lb ....lb	.70	.75
HYPOSULFITE, tech. pea crys.		
375lb bbls. wks. ....100lb	2.65	3.05
Bbls. c/l wks. ....100lb	...	2.50
100lb kgs wks. ....100lb	2.75	3.25
Imp. ....100lb	2.50	2.65
Granulated, bbls. wks. ....100lb	2.90	3.30
Bbls. c/l wks. ....100lb	...	2.75
Kegs, wks. ....100lb	3.00	3.60
Regular crystals, ....100lb	2.35	2.65
Iodide, USP, 25lb jars. ....lb	4.25	4.30
Metaillate, 150lb bbls. ....lb	.55	.70
Naphthionate, 300lb bbls. ....lb	59	.62
Nitrate crude, 95%, 200lb bags c/l NY. ....100lb	...	2.42%
Putre, NY. ....100lb	2.45	2.47%
Double Refined 400lb bbls gran. c/l wks. ....lb	...	.04%
Nitrite, 500lb bbls, wks. ....lb	.09	.09%
Bbls. spot, makers. ....lb	...	...
Imp. 650lb casks ....lb	.09%	.09%

SODIUM—(Continued)

Ortho-Chloro-Toluene Sulfonate, 175lb bbls, wks. ....lb	.25	.27
Oxalate, neutral, 100lb kgs. ....lb	...	.39
Perborate, 275lb bbls. ....lb	...	.23%
Imp. 225lb drs. ....lb	...	.22
Peroxide, 200lb cases ....lb	.25	.27
Phosphate, di-sodium, tech. 550lb bbls. ....lb	.03%	.03%
USP, gran. 275 bbls. ....lb	.07	.07%
Imp. gran. ....lb	.05%	.06
USP, recryst. 275 bbls. ....lb	.10	.11
Mono-sodium, 100lb kgs. ....lb	.24	.26
Tri-sodium, tech., c/l bbls. ....lb	.03%	.04
Picramete, 100lb kgs. ....lb	...	.60
Para-Toluene Sulfonate, 175lb bbls. ....lb	.08	.09
Prussiate, yellow, 350lb bbls. ....lb	.09%	.09%
Imp. 450lb c/s. ....lb	.09%	.09%
Pyrophosphate, 100lb kgs. ....lb	.24	.26
Saicylate, 100lb kgs. ....lb	...	.40
Second Hand's, USP, kgs. ....lb	.37	.40
Silicate, 60° 700lb bbls, f.a.s. NY. ....100lb	...	2.00
Works, 1000lb drums. ....lb	...	1.90
Works, tanks ....100lb	...	1.75
40° domestic, 700lb c/l f.o.b. wks. ....100lb	...	.80
Works, 1000lb drums. ....100lb	...	.85
Works, tanks ....100lb	...	.75
Spot, drums, bbls. ....100lb	1.05	1.80
Silicofluoride, 450lb bbls. NY. ....lb	.04	.04%
Sulfate, sec Glauber's Salt c/l wks. ....lb	.03%	.04
Sulfate, Anhydrous, 550lb bbls. c/l wks. ....lb	.03	.03%
Imp. 250lb bbls. ....lb	...	...
Sulfide, 60% solid, 650lb drs., lc/l wks. ....lb	.04	.04%
Drs. c/l wks. ....lb	.03	.03%
Imp. 700lb drs. NY. ....lb	...	...
60% broken, 650lb drs. wks. ....lb	.04%	.05
Imp., 500lb drs., NY. ....lb	.03%	.04
50% crys. 440lb bbls. wks. ....lb	.02	.02%
Imp. 400lb bbls.lb	.02%	.02%
Sulfite, crys. 400lb bbls, wks.lb	.03%	.03%
Anhydrous, 400lb bbls.lb	.09%	.10



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"Wyandotte" service to alkali
users is on a par with the quality
of "Wyandotte" products. A care-
ful development of facilities and
organization enables us to meet
unusual demands as promptly as
we satisfy ordinary requirements.

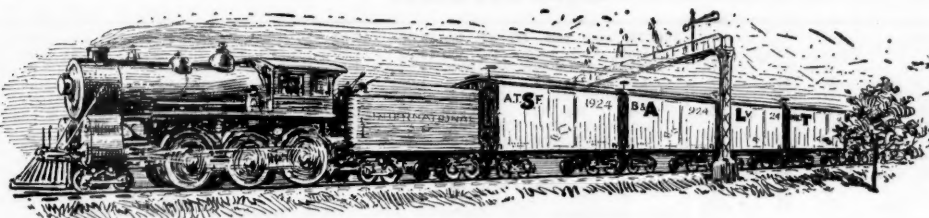
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CAUSTIC SODA

BICARBONATE OF SODA

MICHIGAN ALKALI COMPANY

General Sales Department
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International Salt has gained a reputation for efficiency — for the purity that springs from accurate refining conducted on a huge and skillful scale.

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INTERNATIONAL SALT COMPANY, INC.

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NEW YORK OFFICE: 2 RECTOR STREET

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and other vat dyes will be imported by us
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A complete line of

Acid, Basic, Chrome, Sulphur and Direct Colors,
Intermediates, Cotton Finishes, Turkey Red Oils,
Soluble and Leather Oils.

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One Twenty-Two Hudson Street, New York City.



Reg. U. S. Pat. Off.

PRICES CURRENT SECTION

Chemicals

SODIUM—(Continued)			SULFUR, crude bulk, c/1 NY..ton			Thiocarbamid, 170 lb bbls. ....lb		
Sulfocarbonate, USP, 100 lb kegs lb	.35	.37	Crude, f.o.b. mines	14.00	15.00	Thymol, USP, 25 lb tins.....lb	5.50	6.00
kegs .....	.35	.37	Brimstone, 250 lb bags, c/1 100 lb	1.75	1.95	Iodide, 5 lb boxes	7.25	7.50
Sulfocyanide, 400 lb bbls.....lb	.45	.47	Less c/1 bags NY.....100 lb	1.85	2.10	TIN, Metal Straits, NY.....100 lb	...	54.63
Tungstate, crys. 100 lb kegs.....lb	.55	.60	Roll, 500 lb bbls. c/1 NY.....100 lb	...	2.15	American standard NY.....100 lb	...	54.50
Anhydrous, kegs .....	..	.75	Less c/1 bags NY.....100 lb	2.20	2.45	99% American, NY.....100 lb	...	54.13
SOLVENT NAPHTHA, 110 gal.			Flour, Heavy, 290 lb bbls, 100 lb	2.50	3.05	Bichloride, 56% soln. 100 lb		
drs. wks. ....gal	.29	.30	Light, 100%, 260 lb bbls, 100 lb	2.60	3.15	bbls., wks. ....lb	.15	.15 1/2
8000 gal. tank cars wks.gal	.24	.25	Rubbermakers 100%, 240 lb			Crystals, 500 lb bbls., wks.....lb	...	.37 1/2
Sparte in Sulfate, USP, 250x bulk.oz			bbls. NY	2.50	3.30	100 lb kegs, wks.....lb	...	.38
Single oz. vial .....	..	.47	Commercial, 99%, 150 lb bgs.			Oxide, 400 lb bbls, wks.....lb	...	.56
Starch, rice, 140 lb bags.....lb	.09	.10	NY	1.35	1.65	100 lb kegs, wks.....lb	...	.58
STRONTIUM Bromide, USP, 50 lb			For Dusting, 99%, 100 lb			Tetrachloride, 1000 lb drs.wks.lb	...	.30 1/2
kegs .....	.52	.53	bgs. NY.....100 lb	2.00	2.50	Toildine, 350 lb bbls. ....lb	1.00	1.10
Carb. 600 lb bbls, wks.....lb	..	.07	Flowers, 100%, 240 lb bbls.			Sulfate, 350 lb bbls. ....lb	...	1.10
100 lb kegs, wks.....lb	..	.08	NY	3.00	3.55	Toluene, 8000 gal tank cars, wks.gal	...	.26
Iodide, USP, 25 lb jars.....lb	..	4.00	Precipitated, 125 lb bbls NY..lb	.14	.17	110 gal. drs. wks.....gal	...	.31
Nitrate, 600 lb bbls., wks.....lb	.10	.10 1/2	Lac, 125 lb bbls NY.....lb	.07	.10	Toolidine, Mixed, 900 lb drs. wks. lb	.31	.32
Imp., bbls., NY.....lb	..	.09 1/2	Sulfur Chloride, red, 700 lb drs.			Triacetin, 50 gal. drs, wks.....lb	...	.37 1/2
Sallylate, USP, 100 lb kegs.....lb	.75	.80	wks. ....lb	.06	.07	Triphenolphenol, 100 lb cases.....lb	...	1.00
STRYCHNINE Alkaloid, USP, crys.			150 lb chys. wks.....lb	..	.08	Trional, see Sulfonethylmethane		
100 oz. tins .....	..	.81	Yellow, 700 lb drs. wks. ....lb	.05	.06	Triphenylguanidine .....	..	.80
Alk. powd., USP .....	..	.71	150 lb chys. wks. ....lb	..	.07	Triphenyl Phosphate, 450 lb bbls. lb	...	.55
Acetate .....	..	.80	Sulfur Dioxide, 100 lb cyl. ....lb	.08	.08 1/2	Tripoli, 500 lb bbls. ....100 lb	2.50	3.00
Glycerophosphate, USP .....	..	.80	Iodide, USP, VIII, 5 lb bot. ....lb	..	4.55	Tungsten NY	WO2 unit	8.25
Hydrobromide .....	..	.80	Sulfuric Ether, see Ether			Ultramarine Blue	lb	.15
Hydrochloride .....	..	.80	Sulfuryl Chloride, 600 lb drs.....lb	.75	1.00	UREA, pure, 112 lb cases.....lb	.18	.20
Hydrophosphite .....	..	.80	TALC, Italian 220 lb bags NY..ton	40.00	50.00	VANILLIN, USP, 500 oz. cans.....oz	..	.49 1/2
Nitrate, USP .....	..	.80	Refined white, bags	60.00	80.00	Cans, 80 ozs.....oz	..	.50
Phosphate .....	..	.80	French, 220 lb bags, NY.....ton	30.00	35.00	Cans, 16 ozs.....oz	..	.81
Sallylate, USP, crys. powd.....oz	..	.57 1/2	Refined, white, bags.....ton	35.00	45.00	Second Hands .....	.47	.59
Saccharinate .....	..	1.92	Dom., crude, 100 lb bags NY..ton	13.00	15.00	Venetian Red .....	..	.05
Strychnine preparations quoted bases			Refined, 100 lb bags NY..ton	16.00	18.00	Verdigris, see Copper Subacetate		
1000x lots in 1000x tins. Small Sizes:			Tar, Coal Gas, Tics, wks. ....gal	.06	.08	Vermillon, Amer. 100 lb kegs.....lb	.35	.40
3/4 oz vials, 50c extra; 1/4 oz vials, 25c			Coke Ovens Tics, wks.....gal	.07	.08	English, kegs	1.30	1.35
extra; single ounce vials, 7c extra. Lots			Water Gas, Tics, wks.....gal	.06	.08	Veratrine Sulfate, 1oz vial.....oz	..	1.85
of 25 ozs. 5c higher than above			Tartar Emetic, tech. 700 lb bbls. lb	.24	.35	Hydrochloride, 1oz vial.....oz	..	1.85
schedule. Lots of less than 25 ozs.			USP, 300 lb bbls. ....lb	.31	.34	Vernonal, see Acid Diethylbarbituric		
10c higher per oz.			Terpin Hydrate, USP, 100 lb kegs lb	.60	.62	WHITE LEAD, see lead, white		
Sugar Coloring bbls. ....gal	.63	.72	Terpineol, CP 1000 lb drums.....lb	.43	.50	White Precipitate, see mercury		
Sugar MILK, USP, 200 lb bbls.....lb	.21 1/2	.22	Cars, 50 lb .....	.53	.57	Whiting, 200 lb bags, c/1 wks.ton	13.00	15.00
Second Hands, USP, bbls.....lb	.19	.20	Imported, cans, 25 lb cans.....lb	1.65	1.85	Bags, 1c/1 NY.....ton	..	18.00
Sulfonal, see Sulfonmethane			Terra Alba, No. 1, 300 lb bbls 100 lb	1.85	1.90	GILDERS, bags, NY.....ton	13.50	15.00
Sulfonethymethane, USP, 10 lb bbs. lb	3.85	4.05	No. 2, bbls. ....100 lb	1.25	1.35	French, bags, NY.....ton	..	18.00
Sulfonmethane, USP, 10 lb bss.....lb	2.65	2.85	Theobromine Alk., 5 lb cans.....lb	4.00	4.10	English, bags, NY.....ton	..	21.00
			and Sod. Sallylate, 1 lb bot.lb	..	8.42	Witch Hazel Extract, 50 gal. bbls.gal	1.05	1.10

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Sulphate and Minor Salts

Unexcelled in Uniformity of Quality
Brilliant Crystallization and Purity of Color

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Extraction**

BENZOLS

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40 Rector Street **B** New York, N. Y.

Coast to Coast Producing Points!

Chemicals

XYLENE, 3° dist range, nitration	.45	.50
110 gal. drs. NY.....gal	.50	.55
5° dist. range, 8000 gal. tanks		
wks.....gal	.35	.40
110 gal. drs. wks.....gal	.40	.45
10° dist. range, drums, wks.....gal	.35	.40
Tanks, wks.....gal	.25	.26
Commercial 110 gal. drs., wks.....gal	.30	.31
Tanks, wks.....gal	.25	.26
Xylidine.....lb	.40	.45
YARA YARA, 1 lb. time.....lb	1.75	3.00
Yehimbin Hydrolide, 1 oz. vial.....oz	3.00	3.57
ZINC, METAL, high grade, slabs		
c/l NY.....100 lb	8.25	
Common Slabs, c/NY.....100 lb	7.20	7.22 1/2
Mossy, 25 lb. box NY.....lb		.14
Ammonium Chloride, powder, 400 lb		
bbls.....lb	.07 1/2	.08
Carb. tech. 150 lb. kegs NY.....lb		.20
USP, 100 lb. kegs.....lb		.33
Chloride, fused, 600 lb. drs. wks.....lb		.06
Drs. c/l wks.....lb	.04 1/2	.05
Granulated, 500 lb. bbls. wks.....lb	.07	.07 1/2
Imported, drs. NY.....lb	.06 1/2	.06 1/2
Sulfation, 50% tanks wks 100 lb	2.25	2.50
USP, 25 lb. jars.....lb	.37	.40
Cyanide, 100 lb. time, wks.....lb	.40	.41
Dust, 100 lb. time, wks.....lb	.09	.09
500 lb. bbls., kegs, c/l wks.....lb		.08 1/2
500 lb. bbls., kegs, c/l wks.....lb		.08
Iodide, 5 lb. boxes.....lb		5.25
Nitrate, 25 lb. jars.....lb		.45
Nitrate, Amer. 300 lb. bbls. wks.....lb	.08 1/2	.08 1/2
French, 300 lb. bbls. wks.....lb	.10 1/2	.12 1/2
Bbl c/l wks.....lb	.09 1/2	.11 1/2
Bags, c/l wks.....lb	.09 1/2	.10 1/2
USP, 100 lb. bbls. c/l.....lb		.17
Tom lots, wks.....lb		.12
Imported, white coal, bbls.....lb		.10
Green coal, bbls.....lb		.19 1/2
USP 100 lb. bbls.....lb	.18 1/2	.19
Sulfate, USP, 50 lb. bbls.....lb	.03 1/2	.03 1/2
Sulfate, 400 lb. bbls., wks.....lb		.03
Bbls, c/l wks.....lb		.08
USP, 100 lb. kegs.....lb	.30	.33
Sulfide, 500 lb. bbls.....lb	.32	.35
Sulfocarbonate, 100 lb. kegs.....lb		

Oils

Castor, No. 1, 400 lb. bbls.....lb	.17 1/2	.18
80 lb. cases.....lb		.18 1/2
No. 3, bbls.....lb	.17	.17 1/2
Blown, 400 lb. bbls.....lb		.19
China Wood bbls., spot NY.....lb	.15 1/2	.16
Tanks, Spot, NY.....lb		.15 1/2
Nov., Dec. forw. arr. NY bbls.....lb	.15 1/2	.15 1/2
Nov. forward, arrival NY tanks.....lb		.14
Oct., ths., Nov., Dec. forw.....lb	.13 1/2	.14
Coconut Ceylon, 375 lb. bbls., NY.....lb	.11 1/2	.11 1/2
8000 gal. tanks, NY.....lb	.10 1/2	.10 1/2
Cochin, 375 lb. bbls., NY.....lb	.12	.12 1/2
Tanks, NY.....lb		.11 1/2
Manila tanks, P. Coast.....lb	.09 1/2	.09 1/2
Manila, tanks, NY.....lb	.10 1/2	.10 1/2
Edible bbls., NY.....lb	.12 1/2	.13
Cod Newfoundland, 50 gal. bbls. gal	.62	.65
Tanks, NY.....gal	.55	.57
Copra, bgs.....lb	.06	.06 1/2
Corn, ref., 375 lb. bbls., NY.....lb		.09 1/2
Crude, tanks mills.....lb	.09 1/2	.09 1/2
Bbls., NY.....lb	.12	.12
Cottonseed, crude, ths., mill.....lb	.08 1/2	.09
P. S. Y., 100 bbls., NY.....lb	.10 1/2	.11
White, 100 bbls. lots, NY.....lb		.12
Winter yellow, 100 bbls., NY.....lb		.12
Degras, Amer. 50 gal. bbls., NY.....lb	.04 1/2	.04 1/2
English, light, bbls., NY.....lb	.05 1/2	.05 1/2
Brown, bbls., NY.....lb	.04	.04 1/2
Light brown, bbls., NY.....lb	.04 1/2	.05
Dark, bbls., NY.....lb	.03 1/2	.04
Neutral, bbls., NY.....lb	.10	.10
Moeillon, bbls., NY.....gal		.50
Greases, choice white, bbls., NY.....lb	.12 1/2	.13
Yellow.....lb		.08 1/2
Brown.....lb	.07 1/2	.08
House.....lb	.09	.09 1/2
Bone naphtha.....lb		.07
Herring, Tanks, Coast.....gal		Nom.
Horse, 375 lb. bbls., NY.....lb		Nom.
Lard, prime steam, bbls.....lb	.15 1/2	.16
Compounds, bbls.....lb		.13

LARD OIL, Edible prime, bbls.....lb		.18 1/2
Off prime, bbls.....lb		.16
Extra, bbls.....lb		.14 1/2
Extra No. 1, bbls.....lb		.13 1/2
No. 1, bbls.....lb		.13 1/2
No. 2, bbls.....lb		.12 1/2
LINSEED, raw c/l bbls., spot.....gal		1.11
Five bbls., raw.....gal		1.14
Boiled, 5 bbl. lots.....gal		1.16
Double boiled, 5 bbl. lots.....gal		1.17
Raw, 1 c/l bbls.....gal		1.14
Tanks.....gal		1.05
Nov., c/l wks.....lb		1.11
Dec., Mar., c/l wks.....lb		1.10
Imported, bbls., NY.....gal		
Tanks, NY.....gal		
Menhaden, crude bbls., wks.....lb		
Crude, tanks, Balt.....gal	.57 1/2	.60
Light strained, bbls., NY.....gal	.70	.72
Yellow, bleached, bbls., NY.....gal	.73	.75
Extra bleached, bbls., NY.....gal	.75	.77
Blown, bbls., NY.....gal		
Nontsfoot, 20° c.l. bbls., NY.....lb		.18 1/2
Pure, bbls., NY.....lb		.18 1/2
Extra, bbls., NY.....lb		.18 1/2
No. 1, bbls., NY.....lb		.19 1/2
Oleo Oil, No. 1, bbls., NY.....lb	.20 1/2	.21
No. 2, bbls., NY.....lb	.18	.18 1/2
No. 3, bbls., NY.....lb		.17
OLIVE, denatured bbls., NY.....lb	1.30	1.35
Edible, bbls., NY.....gal	2.15	2.25
Foots, bbls., NY.....gal	.09 1/2	.09 1/2
Shipments.....gal	.09 1/2	.09 1/2
Palm Lagos, 1500 lb. casks.....lb	.09 1/2	.10
Niger casks.....lb	.08 1/2	.09
Bonny old Calabar, casks.....lb		Nom.
Palm Kernel, bbls., NY.....lb	.10 1/2	.10 1/2
Peanut, refined, bbls., NY.....lb	.17	.17 1/2
Crude, mills buyers' ths.....lb		
Crude, bbls., NY.....lb		
Perilla, bbls., NY.....lb	.14 1/2	.14 1/2
Poppyseed, bbls., NY.....gal	2.25	2.50

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Newark, N.J.What is said of
our Services!

Messrs. Gebr. Waanning Tilly, from Haarlem (Holland)
write to us on the 23rd of October, 1922:—

"We received through our Agents, the Registered Deed of the declaration of ownership of our Trade Mark and Proprietary Name, and are pleased to inform you that the same has been found correct and the work done by you to our entire satisfaction.

"If any of our friends should be desirous of having his trademark also registered in India, we shall certainly recommend him your firm."

The Huntley Manufacturing Co., from Silver Creek, N. Y.,
U. S. A., write to us on the 5th of January, 1923:—

"We wish to thank you for the manner in which you have handled this and if there is any further business of this nature at any time that you can attend to, we will be glad to place it in your hands."

Messrs. Max Dorner G. m. b. H., from Solingen (Germany)
write to us on the 25th of January, 1923:—

"Please note that we are satisfied by your work, and that further registrations will also be trusted to you."

P. LODGE & CO.

Patent and Trade Mark Agents

POST BOX NO. 6772

CALCUTTA, INDIA

Oils and Fertilizers

Rapeseed, refined, bbls. NY.....gal	.98	: 1.00
Blown, bbls., NY.....gal	1.06	: 1.08
Red Oil, distilled, bbls.....lb	.10 1/4	: .11 1/4
Suponified, bbls.....lb	.10 1/4	: .11 1/4
Tanks.....lb	.10	: .10 1/4
Salmon, 8000 gal. tks. Coast.....gal	.....	.....
Sesame, edible, bbls.....lb	.14	: .14 1/2
Mod Oil, bbls., NY.....gal	.....	.40
SOYA BEAN, crude, tks. Coast.....lb	.....	.11 1/4
Crude, tks., NY.....lb	.....	.12 1/2
Crude, bbls., NY.....lb	.13 1/4	: .14
Refined, bbls., NY.....lb	.....	.14
Sperm, 38° c.t. blchd. bbls. NY.....gal	.92	: .93
45° cold test, blchd. bbls. NY.....gal	.....	.90
STEARIC ACID, s.p. 200 lb bags.....lb	.....	.11 1/4
Double pressed, bags.....lb	.12	: .12 1/4
Double pressed, bgs., saponified.....lb	.12	: .12 1/4
Triple pressed, bgs., distilled.....lb	.14	: .14 1/4
Triple pressed, bgs., saponified.....lb	.14	: .14 1/4
Stearine, oil, bbls.....lb	.....	.12
Tallow, edible, tierces.....lb	.10 1/4	: .11
City, extra loose.....lb	.09 1/4	: .10
Tallow Oil, acidless tks., NY.....lb	.....	.11 1/4
Bbls., c/1 NY.....lb	.....	.12 1/4
Walnut, crude bbls., NY.....lb	.....	.....
Whale, nat. winter bbls., NY.....gal	.....	.77
Blchd. winter bbls., NY.....gal	.....	.81
Extra Blchd. bbls., NY.....gal	.....	.83
Crude, No. 1, tanks Coast.....gal	.....	.....
Crude, No. 2, tanks Coast.....gal	.....	.....
Crude, No. 3, tanks Coast.....gal	.....	.....

Fertilizer Materials

Blood, dried, f.a.b. NY.....unit	.....	3.75
Chicago.....unit	.....	3.75
Bone, 3 & 50 gr. steam, Chgo.....unit	22.00	: 23.00
Raw, NY.....ton	.....	33.00
Cyanamide, NY, basic.....unit	1.85	: 1.75
Fish Scrap, dried wks.....unit	4.95	: 10
Acid, Bulk F & S 1/2, Deliv.	.....	.....
Norfolk & Balt. basic, unit	3.75	: 5
Steamed Bone Meal, 3 & 50 Balt. ton	24.00	: 26.00
Tankage, ground, NY.....unit	3.30	: 10
High grade f.a.b. Chicago.....unit	3.25	: 3.40

Ammon. Sulf., bulk wks.....100 lb	2.65	: 2.70
Double, bgs., f.a.s. NY.....100 lb	2.90	: 3.00
Single bgs., wks.....100 lb	.....	2.75
NITRATE SODA, spot.....100 lb	.....	2.42 1/4
Future, Jan.-Mar.....100 lb	2.45	: 2.47
Phosphate Rock, f.o.b. mines	.....	.....
Florida Pebble, 65%.....ton	.....	2.25
Florida Pebble, 70%.....ton	.....	2.50
Florida Pebble, 75-74%.....ton	.....	3.75
Tennessee, 72%.....ton	.....	5.50
Phosphate Acid, 16% Bulk wks.....ton	.....	9.00
PCTASH	.....	.....
Pot. Murate, 80% basis, bgs/ton	.....	34.55
Pot. Sulfate, 90% basis, bgs, ton	.....	45.85
Dbie. Manure Salts, 48% basis	.....	.....
Manure Salts, 30% basis, bulk ton	.....	26.35
Manure Salts, 20% basis, bulk ton	.....	17.05
Kainite, 12.4% basis, bulk ton	.....	10.55
Bulk in bags, \$2.00 extra	.....	7.75
Prices c.i.f. Atlantic & Gulf Ports	.....	.....
Discounts, 50 tons, 5%; 500 tons, 10%.	.....	.....

Naval Stores

(Carloads ex-yard N. Y.)	.....	.....
Spirits Turpentine, bbls.....gal	.85	: .86
Wood Turpentine, stm. distd. bbls.....gal	.....	.79
Destructive distilled, bbls.....gal	.....	.68
Pine Oil, stm. dist. bbls.....gal	.....	.66
Pitch, prime.....bbl	.....	5.50
Rosins, (Sold in 600 lb bbls., gross for net, quotations based on a unit of 280 lb.)	.....	.....
B.....280 lb	.....	7.55
D.....280 lb	.....	7.55
E.....280 lb	.....	7.55
F.....280 lb	.....	7.55
G.....280 lb	.....	7.55
H.....280 lb	.....	7.55
I.....280 lb	.....	7.55
K.....280 lb	.....	7.55
M.....280 lb	.....	7.60
N.....280 lb	.....	8.00
WG.....280 lb	.....	8.50
WW.....280 lb	.....	9.00

Rosin Oil, first run, 50 gal. bbls. gal	.....	.45
Second run, bbl.....gal	.....	.47
Tar, kiln-burnt.....bbl	.....	12.50
Retort.....bbl	.....	12.00

Dye and Tan Woods

Barwood, chips.....lb	.04 1/4	: .05
Camwood, chips.....lb	.09	: .13
Diri Divi, pods, bags.....ton	42.00	: 44.00
Fustic, sticks.....ton	30.00	: 32.00
Chips.....lb	.04	: .05
Hemlock, bark.....ton	.....	20.00
Hyperic. chips.....lb	.06 1/4	: .07
LOGWOOD, sticks.....ton	23.00	: 27.00
Chips 150 lb bags.....lb	.03	: .03 1/2
Mangrove bark, African.....ton	.....	Nom.
Iyrobalsam, bags 11.....ton	45.00	: 47.00
R1.....ton	42.00	: 44.00
J2.....ton	42.00	: 44.00
Nutgalls, see Crude Drugs	.....	.....
Oak bark, whole.....ton	20.00	: 22.00
Ground.....ton	.....	25.00
Quercitron bark, rough.....ton	.....	10.00
Ground.....ton	20.00	: 25.00
Sumac, Sticly, 160 lb bags.....ton	170.00	: 175.00
Virginia, 150 lb bags.....ton	40.00	: 45.00
Valonia Caps, 30-31% tan.....ton	32.00	: 35.00
Beard, 42% tan, bgs.....ton	.....	50.00
Mixtures, 36% tan.....ton	37.00	: 39.00
Wattle bark, bgs.....ton	37.00	: 39.00

Extracts

Range of prices includes quality range for large quantity.	.....	.....
Annatto, fine.....lb	.23	: .30
Archil, double 600 lb bbls.....lb	.13	: .14
Triple, 600 lb bbls.....lb	.16	: .17
Conc., 600 lb bbls.....lb	.18	: .20

CENTRAL DYESTUFF & CHEMICAL COMPANY

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Large Crystals
Medium Crystals
Small Crystals

Special quality for tablet makers. Technical for fumigation, deodorizing, etc.

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La Salle, Illinois

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CINCINNATI, OHIO, U. S. A.

Tannins and Dyestuffs

Chestnut, clarified, 25% tka. wks. D	.01%	.01%	Persian Berries	.27	.30	Crude Drugs	
Bbls., wks.	.02%	.03	QUEBRACHO, 35% liquid tka. D	.03	.03%		
Powd., 68% 100 lb bags, wks. D	.05%	.05%	450 lb bbls.	.03%	.04	Accroides Gum, yel.	.18 : .30
Decolorized, bags, wks. D	.06%	.07	35% bleaching, 450 lb bbls. D	.04%	.05%	ACONITE leaves, bales.	.10 : .13
Cudbear, English	.18	.20	Solid 65% 100 lb bales.	.04%	.05	Root, USP, bags	.35 : .37
Cutch, Rangoon, 100 lb bales.	.14	.16	Clarified, bales	.05	.05	Agar Agar, 1, 200 lb bales.	1.55 : 1.60
Borneo, solid, 100 lb bales.	.04%	.05%	Quercitron, 51° 450 lb bbls.	.06	.08	No. 2, bales	.15 : .15
Liquid, 450 lb bbls.	.07%	.11	Powdered, 100 lb boxes.	.09	.13	No. 3, bales	.15 : .15
Tablets, 120 lb boxes.	.13	.14	Spruce, 25% liquid tanks wks. D	.01	.01%	Agaric, white, cases.	2.75 : 3.00
Flavins	.93	1.00	Powd. 50% 100 lb bags wks. D	.02	.02%	Almonds, bitter, bags bxs.	.60 : .65
Fluic, solid 50 lb boxes.	.20	.22	Sumac, liquid 450 lb bbls.	.06	.07%	Sweet, bags	.57 : .60
Crystals, 100 lb boxes.	.20	.22	Stainless, 600 lb bbls.	.11	.12	Meal, tins, boxes	.24 : .26
Liquid, 51°, 600 lb bbls.	.10	.14	DYERS' SUNDRIES			Alétris Root, bags.	.43 : .44
Gall extract	.16	.18	Albumen, technical, egg 200 lb cs. D	.45	1.35	Alkanet Root, bags	.06 : .06%
Gambler, 25% liq. 450 lb bbls.	.12	.14	Blood, 100 lb drs.	.45	.50	Aloes, Barbadoes, 120 lb bbls.	.65 : .70
Common, 200 lb cases	.18%	.19	Egg Yolk, Spray, 150 lb cs.	.45	.65	Cape, 400 lb cases	.09 : .09%
Singapore cubes, 150 lb bags.	.23	.25	British Gum, 140 lb bags c/l 100 lb	.42	.42	Curacao, 100 lb cases	.10% : .11
HEMATINE, Paste, 500 lb bbls.	.09%	.13	Bags, c/l	.42	.42	Scottrins, whole 100 lb cs.	.25 : .30
Crystals, 400 lb bbls.	.12	.20	Dextrin, corn 140 lb bags c/l 100 lb	.42	.42	Select, cakes, D	.35 : .37
Hemlock, 25% 600 lb bbls. wks. D	.03%	.03%	Bags, lc/l	.42	.42	Althca Root, cut cases.	.22 : .24
Gypenic, 51°, 600 lb bbls.	.16	.18	Yellow, bags c/l	.42	.42	Whole bags	.11 : .12
Indigo, Madras, bbls	.85	.90	Potato 220 lb bags c/l	.08	.08	Ambergris, black boxes	8.00 : 10.00
Manila, bbls.		1.30	Bags, lc/l	.08%	.08%	Grey, boxes	.00 : .26.00
Larch, 25%, 600 lb bbls., wks. D	.03%	.04	Yellow, 220 lb bags.	.07%	.07%	Ammoniac, tears, bags	.68 : .73
Powd. 100 lb bags, wks.	.07	.08	Tapioca, 200 lb bags, lc/l.	.09	.09%	Angelica Root, dom. bags	.12 : .13
Logwood, 51°, 600 lb bbls.	.07	.08	Prussian blue	.35	.40	Angostura Bark, bags	.15 : .16
Lower grades	.07	.08	Sago Flour, 150 lb bags.	.03%	.03%	Anise, Levant bags	.15 : .16
Solid, 50 lb boxes.	.09	.15	STARCH, powd. 140 lb bps. c/l 100 lb	.37	.37	Russian, bags	.13 : .14
Madder, Dutch	.28	.30	Bags, lc/l	.37	.37	Star, cases	.11 : .11%
Mangrove, 55% 400 lb bbls.	.04%	.05	Pearl, 140 lb bags c/l	.37	.37	Spanish, bags	.14% : .15
Myrobalsam, 25% liquid bbls.	.04	.05	Bags, lc/l	.37	.37	Annatto Seed, 200 lb bags.	.22 : .23
50% solid, 50 lb boxes.	.05	.05%	Potato, domestic, 200 lb bags.	.05%	.06	ARABIC GUM	
Oak, tanks, wks.	.04	.04%	Imported, bags duty paid.	.06%	.06%	White, No. 1, 200 lb bags.	.26 : .27
23-25% liq. 600 lb bbls. wks. D	.04%	.04%	Tapioca Flour, high grade bags.	.06	.06%	Seconds, 250 lb bags	.24 : .25
Orange Orange, 51° liquid.	.07	.08	Medium grade bags	.05%	.05%	Sorts, amber, 200 bgs. bbls.	.12 : .12%
Powd. 100 lb bags.	.14	.15	Low grade, bags	.04	.05	Powd., USP, 300 lb bbls.	.18 : .20
			Turkey Red Oil, bbls.	.11	.12	Areca Nuts, 150 lb bags.	.22 : .24
			Yolk Oil, bbls.	.35	.35	Powd., 200 lb bbls.	.26 : .28
						Arnica Flowers, bales.	.08 : .08%
						Root, bags	.35 : .30
						Arrowroot, Amer., powd. bbls.	.10% : .11
						St. Vincent, powd., bbls.	.14% : .15
						Asafetida, USP, 250 lb cases.	.22 : .24
						Powd., 50 lb bxs.	.40 : .42
						BALM GILEAD BUDS, bags.	.45 : .50
						Balmory Herbs, bales.	.14

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Copaiba, Para, 80 lb cs.....	lb	.35	Cannabis, true Imp. bags.....	lb	Broken, bales.....	lb	.24	.26
South American, 80 lb cs.....	lb	.42	American (no assay) bales.....	lb	.35	.40	Civet, Abyssin horns.....	oz.	2.75	3.75
Fir Canada, cans.....	gal	10.25	USP.....	lb	.50	.70	Clover Tops, bags.....	lb	.17	.18
Oregon, bbls., cans.....	lb	.95	Cantharides, Chinese cases.....	lb	.95	1.00	Cloves, Zanzibar, 135 lb bales.....	lb	.29½	.30
Peru, 120 lb cases.....	lb	1.95	Powdered, boxes.....	lb	1.15	1.20	Ambogayes, bales.....	lb	.30	.31
Tolu, 100 lb cases.....	lb	1.65	Cantharides, Russian, cases.....	lb	.80	.85	Penang, bales.....	lb	.40	.42
Bamboo Brier Root, bags.....	lb	.05½	Powdered, boxes.....	lb	1.00	1.10	Cochineal, USP, boxes.....	lb	.45	.47
Barberry Bark, tree bales.....	lb	.11	Caraway Seed, African, bags.....	lb	.09½	.10	Coca Leaves, Huancabo bags.....	lb	...	.47
Root, bags.....	lb	...	Dutch, 11 lb bags.....	lb	.10	.10½	Truxillo, bags.....	lb	...	...
Bayberry Bark, bales.....	lb	.10	Cardamom, bleached, cases.....	lb	2.00	2.25	Cobosh Root, Black bags.....	lb	.08	.08½
Wax, bbls.....	lb	.20	Decorticated, cases.....	lb	1.80	1.90	Blue, bags.....	lb	.10	.10½
Belladonna Leaves, bales.....	lb	.25	Green, grinding, bags.....	lb	1.40	1.45	Colchicum Root, bags.....	lb	.07	.08
Root, bags.....	lb	.13	Caruba Wax, Flor. bags.....	lb	.39	.42	Seed, bags.....	lb	.17	.19
Bees Wax, white cases.....	lb	.40	No. 1 N Country bags.....	lb	.34	.56	Colocyath, apples, cases, bales.....	lb	...	...
Yellow, refined, cases.....	lb	.25½	No. 2 N Country bags.....	lb	.28	.30	Pulp, USP, bales.....	lb	.28	.30
Crude, bags.....	lb	.23	No. 3 Fatty Gray, bags.....	lb	.22	.23	Colombo Root, whole bags.....	lb	.03	.03½
Benzoin Gum, Siam, boxes.....	lb	1.30	No. 3 Chalky, bags.....	lb	.22	.23	Coltsfoot Leaves, bags.....	lb	.05	.06
Sumatra, 80 lb boxes.....	lb	.25	Cascara Amarga, 150 lb bales.....	lb	...	2.50	Comfrey Root, bags.....	lb	.13	.14
Berberis Aquifolium Root, bags.....	lb	.14	Cascara Sagrada, bales, 1920-22.....	lb	...	...	Condurango Bark, bales.....	lb	.22	.24
Both Root, bags.....	lb	.28	bark.....	lb	.21	.23	Conium Seeds, bags.....	lb	.12	.14
Ritter Root, 100 lb bags.....	lb	.40	1923 bark.....	lb	.18	.20	Copaiba Balsam Para, see Balsams	lb	...	...
Blackhaw Bark, root, bales.....	lb	.33	1924 bark.....	lb	.14	.15	Copal Gum.....	lb	.12	.13
Tree, bales.....	lb	.15	Cascarilla Bark, quills bales.....	lb	...	...	Coriander Seed, Bombay baks.....	lb	.06	.06½
Black Indian Root, 100 lb bags.....	lb	.40	Siftings, bbls.....	lb	...	...	Morocco, bags.....	lb	.07	.07½
Rlood Root, bags.....	lb	.14	Cassia Buds, 66 lb cases.....	lb	.12½	.13	Bleached, bags.....	lb	.10½	.11
Blueflag Root, bags.....	lb	.27	China, Whole Rolls, cases.....	lb	.07½	.08	Corn Silk, bales.....	lb	.04½	.05½
Boldo Leaves, bales.....	lb	.20	Saigon, assort. bales.....	lb	.30	.31	Cotton Root Bark, bales.....	lb	.14	.15
Bonsect Herb, bales.....	lb	.08	Cassia Fistula, baskets.....	lb	.09	.10	Cowhage, oz. tins.....	oz.	...	.55
Borage Flowers, bales.....	lb	.17	Castile Soap, USP, powd., 200 lb.....	lb	.27	.28	Cramp Bark, so-called bales.....	lb	.07	.08
Bryonia Root, bags.....	lb	.10	Castor Beans, bags.....	lb	.03	.03½	True, bags.....	lb	.30	.32
SUCHU LEAVES, short, 250 lb			Castoreum, 1 lb bot.....	lb	4.00	4.50	Cranesbill Root, bags.....	lb	.16	.18
bales.....	lb	.76	Catechu Gum, bags.....	lb	.11	.12	CUBE BERRIES, XX bags.....	lb	.60	.65
Loos, bales.....	lb	.81	Catchup Gum, bags.....	lb	.23	.29	Powdered, boxes.....	lb	.63	.65
Long, bales.....	lb	...	Celery Seed, 220 lb bags.....	lb	.30½	.31½	Culvers Root, bags.....	lb	.22	.23
Buckthorn Bark, bags.....	lb	.05	Celery Seed, 220 lb bags.....	lb	.10½	.11	Cumin Seed, Levant bags.....	lb	.20	.22
Burdock Root, bags.....	lb	.13	Ceresin Wax, white bags.....	lb	.09	.10	Malta, bags.....	lb	.19	.19½
Stargundy Pitch, dom., 110 lb stands	lb	...	CHAMOMILE FLOWERS, Roman	lb	.25	.27	Morocco, bags.....	lb	.18	.18½
Gross for net.....	lb	...	cases bales.....	lb	.06½	.07	Cuttlefish Bone, Trieste, straps.....	lb	.12½	.13
Calabar Beans, bags.....	lb	...	Hung. cases bales.....	lb	.06	.06½	Jewellers, large, straps.....	lb	...	.50
Calamus Root, bleached cases.....	lb	.33	Charcoal Willow, powd. bbls.....	lb	.04	.05	Small, straps.....	lb	...	.35
Unbleached, bags.....	lb	.06	Wood, powd. bbls.....	lb	.07	.08	French straps.....	lb	.12½	.13
Valeriana Petals, imp. bales.....	lb	.18	Chestnut Bark, bags.....	lb	.06	.06½	Powdered, boxes.....	lb	.13	.14
Valeriana Bark, bales, powd.....	lb	.25	Herb, bales.....	lb	.06	.06½	Broken, boxes.....	lb	...	.07
Camphor, see Chemicals	lb	...	Chicle Gum, bags.....	lb	.82	.85	Damar Gum, 136 lb cases.....	lb	.25	.25½
Canary Seed, Morocco bags.....	lb	.07½	Chiretta, bales.....	lb	.10	.12	Damiana Leaves, bales.....	lb	.16	.17
South American, bags.....	lb	.07	Cinchona Bark, red quills bales.....	lb	.50	.52	Dandelion Root, Imp., bags.....	lb	.27	.30
Candellila Wax, bags.....	lb	.28	Broken bales.....	lb	.25	.27	Deer Tongue Leaves, bales.....	lb	.08½	.09

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Digitals Leaves, bales.....lb	.07	.08	Grindella Robusta Herb, bales...lb	.07%	.08%	LADY SLIPPER ROOT, bags.....lb	.50	.55
Dill Seed, bags.....lb	.06	.07	Guaiac Gum, 80 lb cases.....lb	.42	.44	Larkspur Seed, bags.....lb	3.25	3.50
Dogwood Bark, Jamaica bags.....lb	.10	.11	Guarana, tins, cases.....lb	.65	.70	Laurel Leaves, bales.....lb	.04%	.05
American, bags.....lb	.07	.08	GUM, see Arabic Gum, etc.			Lavender Flowers, ordinary.....lb	.22	.26
Doggrass Root, USP, cut bags.....lb	.10	.11	HELLEBORE ROOT,			Selected.....lb	.30	.40
Dragons Blood, mass cases.....lb	.65	.70	Black, bbls.....lb	.08	.10	Leeches, tubs.....Per 100	3.90	4.50
Reeds, boxes.....lb	.80	.85	Powdered.....lb	.15	.17	Lemon Peel, bags.....lb	.08	.09
ECHINACEA ROOT, bags.....lb	.31	.32	White, Powd., 250 lb bbls.....lb	.11	.12	Licorice Root, Russian, whole.....lb	.07	.07%
Elecampane Root, bags.....lb	.09	.10	Helonias Root, (unicorn false) bags.....lb	.67	.68	Spanish, natural bales.....lb	.08%	.09
Elder Flowers, bags.....lb	.11	.14	Hemp Seed, Manchurian bags.....lb	.03%	.04	Powdered, bbls.....lb	.09	.09%
Flenti Gum, 80 lb cases.....lb	.10	.11	Chilian, bags.....lb	.03%	.04	Selected, 2 & 3 lb bundles.....lb	.14	.17
Elm Bark, select 5 lb bundles cases.....lb	.28	.30	Henbane Leaves, bales, USP.....lb	.28	.30	Cuttings, 125 lb bags.....lb	.06	.06%
Grinding, bags.....lb	...	...	No assay.....lb	.26	.27	Greek, 150 lb bales.....lb	.03	.03%
Powdered, bbls.....lb	.23	.25	Renna Leaves, bales.....lb	.09%	.10	Life Everlasting Herb, bales.....lb	.05	.06
ERGOT, 150-200 lb bags.....lb	.65	.70	Powdered.....lb	.12	.13	Lime Juice, clarified bbls.....gal	.60	.65
Eucalyptus Leaves, bales.....lb	.05	.06	Honey, Calif., 120 lb cases.....lb	.12%	.13	Linden Flowers, with leaves, bales lb	.10	.11
Euphorbia Pilulifera Herb, bags lb	.10	.11	Hops, N. Y. prime bales.....lb	.28	.30	Without Leaves, bales.....lb	.17	.18
Euphorbium Gum, cases.....lb	.25	.27	Pacific Coast prime bales.....lb	.25	.27	Liverwort Leaves, bales.....lb	.19	.20
Powdered, boxes.....lb	.40	.42	Horshound Herb, bales.....lb	.10	.11	Lobelia Herb, bales.....lb	.36	.38
Fennel Seed, French, bags.....lb	.10	.10%	Horsetail Rush, bales.....lb	...	.15	Lobelia Seed, bags.....lb	.62	.63
German, bags.....lb	.13	.17	India Gum, see Karaya			Lovage Root, Imported, bags.....lb	.18	.20
Indian, bags.....lb	.07	.07%	INSECT FLOWERS, open whole			Lupulin, boxes.....lb	1.15	1.20
Flax Seed, whole 180 lb bbls.....ca	13.00	13.50	Bales.....lb	.40	.42	Domestic.....lb	1.15	1.20
Ground, 180 lb bbls.....lb	.07%	.08	Clewed whole, bales.....lb	.42	.44	Lycopodium, 88 lb cs.....lb	.58	.60
Fenugreek Seed, 200 lb bags.....lb	.05%	.05%	Powdered, pure 200 lb bbls.....lb	.46	.52	MACE, Siam, No. 1.....lb	.85	.86
Fish Berries, 100-125 lb bags.....lb	.30	.35	Flowers and Stems, 50 p.c. 260 lb bbls.....lb	.30	.32	Banda, No. 1 cases.....lb	.90	.92
Fringe Tree Bark, bags.....lb	.20	.21	Ipecac Root, Cartagena, bags.....lb	2.25	2.30	Batavia, No. 2 cases.....lb	...	...
Fumigating Pastilles, Black, 1 lb bxs.....lb	.17	.18	Powdered, 200 lb bbls, bxs lb	2.50	2.60	West India, cases.....lb	.75	.77
Red, 1 lb bxs.....lb	.17	.18	Rio Whole, bags.....lb	2.25	2.30	Malva Flowers, blue bales.....lb	.35	.37
GALANGAL ROOT, bags.....lb	.08	.09	Powdered, 200 lb bbls, bxs lb	2.50	2.60	Black, bales.....lb	.55	.60
Galbanum Gum, cases.....lb	.80	.95	Isinglass, American, 130 lb cs.....lb	.75	.80	Manna, large flake cases.....lb	.77	.79
Gambier Gum, bags.....lb	.18%	.19	Russian (Beluga) bxs, ctms.....lb	4.00	4.50	Small flake, cases.....lb	.40	.41
Gambier Gum, 160 lb cases.....lb	.74	.75	JABORANDI LEAVES, bales.....lb	.10	.10%	Sorts, cases.....lb	...	.30
Powdered, cases.....lb	.83	.85	Jalap Root, whole, 150 lb bags.....lb	.29	.35	Mandrake Root, bags.....lb	.13	.14
Gelsemium Root, bags.....lb	.11	.11%	Powdered, USP, 250 lb bbls.....lb	.34	.36	Mastic Gum, 120 lb cans.....lb	.55	.57
Gentian Root, bags.....lb	.08%	.09	Japan Wax, White bags.....lb	.16	.16%	Mezeron Bark, bags.....lb	.11	.12
Ginger, African, bags.....lb	.18%	.19	Job's Tears, white bags.....lb	.15	.16	Matteo Leaves, bales.....lb	.12	.13
Jamaica, grinding, bags, bbls.....lb	.26	.32	Juniper Berries, 125 lb bags.....lb	.07	.07%	Marjoram Leaves, German bales.....lb	.29	.31
Japan, bags.....lb	.16%	.17	KAMALA, boxes.....lb	1.05	1.10	French, bales.....lb	.31	.33
Cochin, ABC & Lemon, bags.....lb	.21%	.22	Karaya Gum, powdered, bbls.....lb	.10	.18	Millet Seed, dom. yellow bags.....lb	.03%	.04
Ginseng Root, cultivated, bags.....lb	8.00	10.00	Kava Kava Root bags.....lb	.12	.12%	Montan Wax, crude bags.....lb	.05%	.06
Northwestern Wild, bags.....lb	12.00	14.00	Kino Gum, black cases.....lb	.50	.55	Moss, Iceland, bales.....lb	.07%	.08
Southern Wild, bags.....lb	9.00	11.00	Kola Nuts, 150 lb bags.....lb	.04%	.05	Irish, bleached, bales.....lb	.08%	.09
Golden Seal Root, bags.....lb	3.50	3.70	Kousso Flowers, bags.....lb	1.50	1.75	Selected, bales.....lb	.10	.10%
Powdered, boxes.....lb	4.00	4.10				Mullein Flowers, tins.....lb	.90	1.00
Grains of Paradise, bags.....lb	.15	.16						

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Tonquin.....	22.00	: 25.00	Pepperyal Herb, bales.....	.08	: .12	Rose Petals, pale.....	.22	: .25
Grain Cab.....	25.00	: 26.00	Pepper, black Sing. bags.....	.13 1/2	: .14 1/2	Red.....	.65	: .70
Tonquin.....	35.00	: 38.00	White, bags.....	.18 1/2	: .19	Rue Herb, bales.....	.18	: .22
Synthetic, see Chemicals.....			Peppers, red Mombasa, bags.....	.10 1/2	: .11	SABADILLA SEED, bags.....	.13	: .14
Musk Root, Russian bags.....	2.10	: 2.20	Cherries, bags.....	.14	: .16	Powder, bbls.....	.17	: .18
Mustard Seed, Bari brown bags..	.11	: .11 1/2	Bombay, bags.....	.12	: .14	Saffron Flowers, Amer. bales....	.72	: .75
Bombay, brown.....	.09	: .10	Japan, bags.....	.22	: .24	Valencia, 1 lb case.....	40.00	: 41.00
California, brown.....	.11	: .11 1/2	Peppermint Leaves, imp. bales..	.22	: .24	Sage, Dalmatian bales.....	.05	: .05 1/2
Yellow.....	.05	: .05 1/2	Cuts, bales.....	.12	: .14	Greek, bales.....	.04 1/2	: .05
Chinese yellow.....	.09 1/2	: .10	Domestic leaf.....	.18	: .19	Spanish, bales.....	.03	: .03 1/2
English, yellow.....	.07 1/2	: .08	Peru Balsam, see Balsams.....			Sandalwood, chips bags.....	.17	: .18
Dutch, yellow.....	.08 1/2	: .09	Pichl Leaves, bags.....	.23	: .25	Ground, bags.....	.21	: .22
Danish, yellow.....	.24	: .26	Pimento, select bags.....	.08	: .08 1/2	Sandarac Gum, 300 lb bbls....	.35	: .37
Myrrh Gum, select 200 lb cs.....	.24	: .26	Pink Root, true bags.....	.80	: .85	Sarsaparilla Root, Honduras, bales	.58	: .60
Sorts, cases.....	.20	: .22	Pitch, Burgundy, see Burgundy Pitch			Mexican, bales.....	.24	: .26
MUSCALS, Chinese, bags.....	.17	: .18	Pleurisy Root, bags.....	.22	: .22	Sassafras Bark, ordinary bales....	.15	: .17
Aleppy, bags.....	.14	: .15	Plantain Leaves, bales.....	.15	: .15	Select, bales.....	.28	: .29
Nutmegs, 110s cases.....	.55	: .57	Poke Berries, bags.....	.08	: .09	Savory Leaves, bales.....	.08	: .08 1/2
75s, 80s cases.....	.59	: .61	Poke Root, bags.....	.30	: .30	Saw Palmetto Berries, bags.....	.08 1/2	: .09
Nux Vomica Buttons, bags.....	.04 1/2	: .05 1/2	Pomegranate Bark, of root bags..	.30	: .30	Scammony Resin, boxes.....	1.20	: 1.30
Powdered, 200 lb bbls.....	.08	: .09	Of Fruit, bags.....	.30	: .30	Scammony Root, bags.....	.06 1/2	: .07
OAK BARK, red bags.....	.05	: .06	Of Tree.....	.30	: .30	Senega Root, bags.....	.57	: .58
White bags.....	.06	: .07	Poppy Flowers, red bags.....	.25	: .28	SENNA, Alex 150 lb cases.....	.21	: .23
Olibanum Gum, sift 280 lb cases..	.10	: .10 1/2	Poppy seeds, Dutch, bags.....	.14	: .14 1/2	Half Leaf, 350 lb bales.....	.13	: .15
Tears, 280 lb cases.....	.12	: .12 1/2	German, bags.....	.11	: .12	Siftings, 400 lb bales.....	.10	: .11
No. 1, all white 280 lb cases.....	.22	: .23	Turkish, bags.....	.07	: .07 1/2	Powdered, 300 lb bbls.....	.14	: .14 1/2
Optum, gum, USP, cases.....	12.00	: 12.00	Blue Indian, bags.....	.09	: .09 1/2	Timevelly, job 350 lb bbls....	.11	: .11 1/2
Granular, case.....	13.00	: 14.00	White Indian, bags.....	.08	: .08 1/2	Grinding, 350 bales.....	.05	: .07
Powdered, USP, case.....	13.00	: 14.00	Prickly Ash Bark, Southern, bags	.26	: .28	Powdered, 200 lb bbls.....	.14	: .14 1/2
Orange Flowers, cases.....	.50	: 1.00	Northern, bags.....	.14	: .16	Pods, 350 lb bales.....	.14	: .15
Orange Peel, bitter, bags.....	.07 1/2	: .07 3/4	Prickly Ash Berries, bags.....	.25	: .30	Serpentaria Root, bags.....	.85	: .86
Sweet, bags.....	.11	: .12	Prince's Pine, bales.....	.16	: .18	Shellac, D.C., bags.....	.77	: .79
ERRIS ROOT Florentine bold bags..	.07 1/2	: .08	Pulsatilla Herb, bags.....	.18	: .20	V.S.O. bags.....	.77	: .79
Powdered, 200 lb bbls.....	.10	: .11	Pumpkin Seed, bags.....	.07	: .07 1/2	Diamond I. bags.....	.77	: .79
Verona, bags.....	.06	: .06 1/2	QUASSIA CHIPS, bags.....	.70	: .95	Superfine, Orange, bags.....	.66	: .67
Powdered, 200 lb bbls.....	.07 1/2	: .09	Queen of the Meadow Herb, bags..	.05	: .05 1/2	Fine, bags.....	.65	: .66
Fingers, case.....	.50	: .55	Quince Seed, bags.....	.05	: .05 1/2	T.N., bags.....	.62	: .63
Ozokerite Wax, brown hard bags..	.22	: .24	HAPE SEED, South Amer. bags..	.05	: .05 1/2	Garnet, A. C.....	.57	: .58
Green, hard bags.....	.27	: .28	Dutch, bags.....	.05	: .05 1/2	Buton, bags.....	.74	: .75
Refined, yellow bags.....	.18	: .24	Japanese, small, bags.....	.05 1/2	: .06	Bleached, ground, bbls.....	.61	: .63
PAPRIKA, bags.....	.26	: .28	Raspberries, dried boxes.....	.17	: .19	Bone Dry, bbls.....	.73	: .74
Hungarian.....	.13	: .14	Red Saunders.....	.09	: .10	Sinaria Bark, bales.....	.07	: .08
Parvula Brava Root, bags.....	.09	: .10	Rhatany Root, bags.....	.36	: .38	Sideritis Herb, cut bags.....	.15	: .18
Parley Seed, bags.....	.09	: .10	RNUBARS, Root, H.D., cases....	.42	: .44	Skullcap Leaves, Eastern, bales..	.65	: .70
			Powdered, 200 lb bags.....	.04 1/2	: .05	Western, bales.....	.34	: .38
			Rosemary Leaves, bales.....			Sloe Berries, bags.....	.03	: .04

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Snake Root, Canada natural, bags. lb.	.45	: .50
Striped, bags. lb.	.50	: .65
SOAP BARK, whole, 150-200 lb.		
bales. lb.	.08	: .08½
Cut, 125-175 lb. bags. lb.	.09½	: .10
Crushed, 200 lb. bbls. lb.	.10	: .10½
Powdered, 200 lb. bbls. lb.	.12	: .13
Spearment Leaves, American bales. lb.	.15	: .22
Spermaceti, blocks, cakes, cases. lb.	.43	: .45
Spikenard Root, bags. lb.	.23	: .24
Spruce Gum, boxes. lb.	1.00	: 1.50
Squaw Vine, bales. lb.	.18	: .20
Squills, white. lb.	.04½	: .05
Powdered, bulk. lb.	.35	: .40
Stavesacre Seed, bags. lb.	...	...
Sticklac, Siam, 250 lb. bales. lb.	.44	: .46
Stillingia Root, bags. lb.	.11½	: .12
Stone Root, bags. lb.	.09	: .10
Storax, liquid artif. lb.	.70	: .75
Gen. USP. lb.	.90	: 1.00
St. Ignatius Beans, bags. lb.	.12	: .13
St. John's Bread, bags. lb.	.03	: .05
Stramonium Leaves, bales. lb.	.06½	: .07½
Stramonium Seed, bags. lb.	.12	: .13
Strophanthus Seed, Himpidus. lb.	.42	: .44
Kombe, bags. lb.	.43	: .45
Sunflower Seed, domestic bags. lb.	.06	: .06½
South American, bags. lb.	.05	: .05½
TAGALDER BARK, bags. lb.	.05	: .06
Tamarinds, bbls. lb.	.05½	: .06
Kegs. lb.	...	...
Tansy Herb, bales. lb.	.18	: .19
Tar, Barbadoes, 50 gal. bbls. gal.	1.40	: 1.50
Thus Gum, 280 lb. bbls. lb.	.07½	: .08
Thyme, Spanish bales. lb.	.05½	: .06½
French, bales. lb.	.10½	: .11
Tilia, see Linden		
Tolu Balsam, see Balsams		
Tonga Bark, bags. lb.	.27	: .29
Tonka Beans, Angostura, cases. lb.	2.15	: 2.25
Para, cases. lb.	.75	: .80
Surinam, cases. lb.	...	...

Tragacanth Gum, No. 1, ribbon		
No. 2 to No. 6, cases. lb.	1.15	: 1.20
Powdered, 50 lb. boxes. lb.	.90	: 1.15
Turkish, cases. lb.	.80	: .82
Turmeric Root, Madras bags. lb.	.70	: .85
Aleppy, bags. lb.	.12½	: .13
Powdered. lb.	.11	: .11½
China, bags. lb.	.12	: .13
Turpentine, Venice, true 80 lb. cs. lb.	.09	: .09½
Artificial, 80 lb. cases. lb.	.15	: .16
Spirits, see Naval Stores	.11	: .12
UNICORN ROOT, false, see Heloni		
True, see Aletris		
Uva Ursi Leaves, bales. lb.	.04½	: .05
VALERIAN ROOT, Belgian bags. lb.	.12	: .13
Vanilla Beans Mex. whole cases. lb.	11.00	: 12.50
Cuts, cases. lb.	9.00	: 10.00
Bourbon, cases. lb.	9.00	: 10.00
South American, cases. lb.	...	...
Tahiti, yellow label cases. lb.	7.00	: 7.50
Green Label, cases. lb.	...	...
Vetiver Root, 100 lb. bags. lb.	.25	: .26
Violet Flowers, bags. lb.	.80	: .85
WAND BARK, of root bags. lb.	.85	: .90
Of Tree, bags. lb.	.40	: .42
White Pine Bark, roased, bags. lb.	.07½	: .08
White Poplar Bark, bags. lb.	.06	: .07
Wild Cherry Bark, thin green		
Rosced, bales. lb.	.12	: .13
Thick Rosced, bales. lb.	.08	: .09
Thin Natural, bales. lb.	.08½	: .09½
Thick Natural, bales. lb.	.05	: .06
Willow, bark bags. lb.	...	...
White, bags. lb.	...	...
Witch Hazel Bark, bags. lb.	.07	: .08
Witch Hazel Leaves, bales. lb.	.07½	: .08
Worm Seed, American bags. lb.	.08½	: .09
Levant, bags. lb.	2.75	: 4.00
Wormwood Herb, imported bales. lb.	...	...
Yacca Gum, red. lb.	.04	: .04½
Ground. lb.	.05½	: .06½
YELLOW DOCK ROOT, bags. lb.	.12	: .14
Yellow Parilla Root, bags. lb.	.16	: .17
Yerba Santa, bags. lb.	.09	: .09½
Zedoary Root, bags. lb.	.11	: .12

Essential Oils

Almond Bitter USP, 5 lb. bot. lb.	3.15	: 3.25
Bitter ff PA 5 lb. bots. lb.	3.25	: 3.50
Sweet, 56 lb. cans. lb.	.70	: .80
Peach Kernel, 56 lb. tins. lb.	.34	: .35
Apriort, see Peach Kernel		
Amber, crude 25 lb. tins. lb.	.70	: .75
Rectified, 25 lb. tins. lb.	.85	: .90
Angelica Root, 1 lb. bot. lb.	32.00	: 36.00
ANISE, Tech., 66 lb. case. lb.	.54	: .56
USP, 50 lb. tins. lb.	.57	: .59
Bay, 25 lb. tins. lb.	2.20	: 2.30
Bergamot, 25 lb. coppers. lb.	3.40	: 3.50
Artificial, 25 lb. cans. lb.	2.20	: 2.35
Birch Tar, rect. 5 lb. bot. lb.	.75	: .80
Crude, 50 lb. tins. lb.	.30	: .50
Ros de Rose, 25 lb. tins. lb.	5.00	: 5.50
Cade, 25 lb. cans. lb.	.85	: .40
Cajuput, native, 50 lb. tins. lb.	.75	: .80
Calamus, 5 lb. bot. lb.	4.20	: 4.65
Camphor, heavy, 1000 lb. drums. lb.	.14½	: .15
Japanese, white, 72 lb. cases. lb.	.14	: .14½
White, 1000 lb. drums. lb.	.13½	: .14
Cananga, native 25 lb. tins. lb.	2.00	: 2.25
Rectified, 25 lb. tins. lb.	2.50	: 3.00
Caraway, USP. lb.	3.15	: 3.25
Cardamom, USP, 1 lb. bot. lb.	28.00	: 30.00
Carrol, 5 lb. bot. lb.	11.00	: 12.00
CASSIA, 80-85 p.c. 400 lb. drms. lb.	...	...
Rectified, USP, 50 lb. cans. lb.	2.75	: 2.90
Cedar Leaf, 50 lb. tins. lb.	.90	: 1.00
Cedar Wood, light 1000 lb. drums. lb.	.80	: .90
Celery, 1 lb. bot. lb.	10.00	: 11.00
Chaulmoogra, 80 lb. cases. lb.	.85	: .90
Cinnamon, Ceylon, 1 lb. bot. lb.	11.00	: 12.50
Leaf, 5 lb. bot. lb.	1.40	: 1.50
CITRONELLA, Ceylon		
1000 lb. drums. lb.	.75	: .80
50 lb. tins. lb.	.76	: .83
Java, 400 lb. drums. lb.	1.40	: 1.50
50 lb. tins. lb.	1.50	: 1.75
Cloves, USP, 50 lb. cases. lb.	2.10	: 2.15
6 lb. bot. lb.	2.20	: 2.25

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Copaiba, USP, 50 lb tins.....	.40	: .42	Pimento, 25 lb tins.....	2.25	: 2.35
Coriander, USP, 1 lb bot.....	11.25	: 11.75	Pinus Sylvestris, 25 lb tins.....	...	: 1.40
Croton, USP, 25 lb tins.....	.95	: 1.00	Pumilio, USP, 25 lb tins.....	...	: 2.25
Cubeba, USP, 5 lb bot.....	4.75	: 5.00	Rose, Fr., 8, 16 & 32 oz. pgs.....	...	: 9.00
Cumin, 1 lb bot.....	11.50	: 12.00	Bulg., 8, 16 & 32 oz. pgs.....	8.00	: 9.00
Dill, 1 lb bot.....	4.25	: 4.50	Artificial, 1 lb bot.....	3.00	: 3.00
Erigeron, 20 lb tins.....	3.50	: 4.00	Rosemary, USP, 27 1/4 lb. tins.....	.42	: .45
EUCALYPTUS, Aust. USP					
55 lb cs.....	.59	: .61	1000 lb drums.....	.35	: .40
500 lb drums.....	.57	: .59	Tech., 27 1/4 lb tins.....	.35	: .40
Fennel, USP, 25 lb tins.....	.90	: 1.10	Rue, 1 lb bot.....	...	: 4.25
Geranium, Algerian, 25 lb tins.....	7.25	: 8.50	Sandalwood, E. Ind. USP, 76 lb cases.....	7.00	: 7.25
Bourbon, 25 lb tins.....	7.00	: 8.50	W. Indian, (Amgris) 25 lb tins.....	2.80	: 2.90
Turkish, 25 lb tins.....	4.25	: 4.50	Sassafras, USP, 50 lb cases.....	1.15	: 1.25
Ginger, 1 lb bot.....	9.00	: 10.00	Artificial, 1000 lb drs., 60 lb cases.....	.34	: .36
Gingergrass, 25 lb tins.....	2.75	: 3.00	Savin, 5 lb tins.....	2.25	: 2.40
Hemlock, 50 lb cases.....	.82	: .85	Spearmint, USP, 60 lb cases.....	4.00	: 4.25
Juniper Berries, USP, 25 lb tins.....	1.25	: 1.30	Spruce, 50 lb tins.....	.82	: .85
Wood, 50 lb tins.....	.50	: .60	Tansy Amer., 20 lb tins.....	2.55	: 3.10
Lavender, USP, 25 lb tins.....	5.50	: 8.00	Tar, 50 gal. bbls.....	.25	: .26
Spice, Spanish, 50 lb cases.....	1.00	: 1.25	Refined, USP 25 lb tins.....	...	: ...
LEMONGRASS, Ital USP, 25 lb tins.....	.90	: 1.05	Thyme, red, USP, 25 lb tins.....	.85	: 1.00
American, USP, 25 lb tins.....	.75	: .80	White, USP, 25 lb tins.....	1.00	: 1.10
Lemongrass, native, 50 lb cases.....	1.05	: 1.15	Tech., 110 lb drums.....	.80	: .85
Limes, Express, 25 lb tins.....	2.25	: 2.35	Vetiver, Bourbon 1 lb bot.....	12.00	: 14.00
Distilled, 25 lb tins.....	1.05	: 1.10	Indian, 1 lb bot.....	30.00	: 32.00
Linaloe, Mex 80 lb cases.....	3.40	: 3.60	Java, 1 lb bot.....	20.00	: 22.00
Mace, distilled, 50 lb tins.....	1.50	: 1.60	Wine, heavy 1 lb bot.....	...	: 1.50
Mirtane, ref., see Ar. Chemicals	...	: ...	WINTERGREEN		
Mustard, USP, 1 lb bot.....	...	: 14.00	Sweet bch., 25 lb tins.....	2.50	: 3.00
Artif., USP, 1 lb bot.....	3.00	: 3.25	Southern, 25 lb tins.....	1.85	: 2.00
Neroli, Bigarade, 1/4 & 1 lb bot.....	40.00	: 60.00	Gaultheria, true 25 lb tins.....	7.00	: 8.00
Petale, 1 lb bot.....	90.00	: 120.00	Southern, 25 lb tins.....	3.75	: 4.00
Artificial, 1 lb bot.....	10.00	: 25.00	Synthetic, USP, 50 lb cases.....	...	: .47
Nutmeg, USP, 25 lb tins.....	1.50	: 1.60	Wormseed, Balt., USP, 25 lb tins.....	4.00	: 4.25
Orange, bitter, 25 lb tins.....	2.60	: 2.75	Wormwood, dom., 25 lb tins.....	3.00	: 3.75
Sweet, W. Ind., 25 lb tins.....	2.50	: 2.60	Ylang Ylang, Bourbon 10 lb tins	...	: ...
Italian, 25 lb cop.....	2.75	: 2.90	No. 1.....	6.00	: 8.00
American, 25 lb tins.....	2.75	: 2.80	No. 2.....	5.00	: 6.00
Distilled, 25 lb tins.....	1.50	: 1.75	Manila, 1 lb bot.....	25.00	: 40.00
Spanish, 25 lb tins.....	2.55	: 2.65	Artificial, 1 lb bot.....	10.00	: 12.00
Origanum, 50 lb cases tech.....	.30	: .35	OLEORESINS		
Parsley, 1 lb bot.....	3.50	: 4.00	Aspidium, USP, 1 lb bot.....	2.75	: 3.00
Patchouli, 5 lb bot.....	4.50	: 5.50	Capicum, USP, 5 lb bot.....	2.50	: 2.75
Pennyroyal, dom., 25 lb tins.....	2.00	: 2.15	Oliver, 5 lb bot.....	3.35	: 3.60
Imported, 25 lb tins.....	1.65	: 1.75	Cubeb, USP, 1 lb bot.....	4.50	: 4.75
PEPPERMINT, nat., 60 lb cases.....	8.00	: 8.25	Malefern, See Aspidium	...	: ...
Redis, USP, 60 lb cases.....	8.75	: 9.00	Orris 1 lb bot.....	15.00	: 18.00
Petit Grain, S. A., 25 lb tins.....	2.10	: 2.20	Pepper, black, USP, 1 lb bot.....	3.50	: 4.00
French, 1 lb bot.....	7.00	: 8.00	Vanilla, 1 lb bot.....	22.50	: 25.00
Italian, 25 lb tins.....	2.25	: 2.35	...	...	: ...

Aromatic Chemicals

NATURAL DERIVATIVES			
Anethol, 2 lb bot.....	1.25	: 1.75	
Borneol, 1 lb bot.....	...	: 3.50	
CITRAL, 25 lb cans.....	2.75	: 3.00	
Citronellal, 1 lb bot.....	2.50	: 3.00	
EUCALYPTOL, USP, 25 lb cans.....			
Eugenol, USP, 25 lb cans.....	3.35	: 3.50	
Geraniol, Domestic, 50 lb cans.....	3.50	: 4.00	
Imported, 5 lb bot.....	3.75	: 4.50	
Iso-Eugenol, 1 lb bot.....	4.50	: 5.00	
Imported.....	5.25	: 6.25	
Linalol, 5 lb bot.....	6.25	: 7.50	
From Bois de Rose, 5 lb bot.....	11.00	: 12.75	
MENTHOL, 60 lb cases.....	...	: 14.00	
Less cases, 5 lb cans.....	...	: 14.50	
Rhodinol, 1 lb bot.....	18.00	: 21.00	
Extra, 1 lb bot.....	40.00	: 47.00	
SAFROL, 60 lb cans.....	.45	: .47	
Thymol, USP, 25 lb tins.....	5.50	: 6.00	
SYNTHETIC AROMATICS			
Acetaldehyde, 50% sol. pure, 5 lb bot.....	1.75	: 2.00	
Acetophenone (CP, 1 lb bot.....	4.25	: 4.50	
Aldehyde C-8 (Octyl) 1 lb bot.....	45.00	: 60.00	
Aldehyde, C-9 (Nonyl), 1 lb bot.....	70.00	: 75.00	
Aldehyde, C-10 (Decyl), 1 lb bot.....	50.00	: 58.00	
Aldehyde, C-12 (Dodecyl), 1 lb bot.....	27.50	: 32.50	
Aldehyde, C-14, 1 lb bot.....	22.50	: 25.00	
Aldehyde, C-16, 1 lb bot.....	70.00	: 80.00	
Aubepine, see Anisic Aldehyde	...	: ...	
Amyl Acetate, pure 5 gal. cans.....	4.00	: 4.25	
Amyl Butyrate, 1 lb bot.....	1.75	: 2.00	
Amyl Cinnamate, 1 lb bot.....	4.00	: 4.50	
Amyl Formate, 1 lb bot.....	1.50	: 1.75	
Amyl Phenyl Acetate, 1 lb bot.....	4.50	: 5.00	
AMYL SALICYLATE, dom. 100 lb chys.....			
Imported.....	1.45	: 1.50	
Amyl Valerate, 5 lb bot.....	2.25	: 2.50	
Anisic Aldehyde, 1 lb bot.....	4.75	: 5.00	
Aldehyde, 1 lb bot.....	3.75	: 4.25	
BENZALDEHYDE, USP, 40 lb chys.....	1.40	: 1.50	
FFC, 40 lb chys.....	1.50	: 1.65	
Benzole Ether, See Ethyl Benzene	...	: ...	
Benzophenone, 1 lb bot.....	6.75	: 7.00	
Benzyl Acetate, 100 lb chys.....	1.55	: 1.75	

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 Turret and Lion Brand Messina Essential Oils
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Aromatic Chemicals

Benzyl Alcohol, 5 lb bot.....	D	1.45	: 1.55	Iso-Butyl Benzoate, 5 lb bot.....	D	4.75	: 5.00	Skatol, 1 oz. bot.....	cs	7.00	: 7.25
BENZYL BENZOATE, 5 lb bot.....	D	1.60	: 1.75	Iso-Safrol, 1 lb bot. Imported.....	D	5.00	: 5.25	Terpinyl Acetate, 25 lb cans.....	D	1.65	: 1.85
Medicinal PFC.....	D	1.75	: 2.00	Domestic, 5 lb bot.....	D	4.00	: 4.25	Imported, 25 lb cans.....	D	1.90	: 2.20
Benzyl Butyrate, C.P., 1 lb bot.....	D	5.50	: 6.00	Linalyl Acetate, 1 lb bot. Dom.....	D	8.00	: 8.50	TERPINEOL, CP, 1000 lb drums.....	D	.45	: .47
Benzyl Cinnamate, 1 lb bot.....	D	10.00	: 10.50	Imp., 1 lb bot.....	D	8.00	: 8.50	Cams, 50 lb.....	D	.50	: .54
Benzyl Formate, 1 lb bot.....	D	3.00	: 3.25	Linalyl Benzoate, 1 lb bot.....	D	13.00	: 14.00	Absolute, 25 lb cans.....	D	.90	: 1.15
Benzyl Propionate, 1 lb bot.....	D	5.00	: 5.25	Linalyl Formate, 5 lb bot.....	D	10.50	: 12.00	Imported, 25 lb cans.....	D	.50	: .60
Bornyl Acetate, 1 lb bot.....	D	3.00	: 3.50	Methyl Acetophenone.....	D	4.75	: 5.00	VANILLIN, USP, 500 oz. cans.....	D	..	: .49%
Bornylol, 25 lb cans.....	D	3.50	: 4.00	METHYL ANTHRANILATE dom.,				Cams, 16 oz., 80 oz.....	cs	.50	: .51
Butyl Anthranilate, 1 lb bot. dom. D		..	: 16.00	1 lb bot.....	D	2.75	: 3.25	Second Hands.....	cs	.47	: .50
Butyric Ether, See Ethyl Butyrate				Imported.....	D	3.00	: 3.25	Valerianic Ether, See Ethyl Valerate			
Cinnamic Acid, 5 lb cans.....	D	3.00	: 3.25	Methyl Benzoate, 5 lb bot. import. D		2.00	: 2.25	Yara Yara, 1 lb cans.....	D	1.75	: 2.00
Cinnamic Alcohol, liquid 1 lb bot. D		9.00	: 9.50	Domestic, 5 lb bot.....	D	1.75	: 2.00				
Crystallizable.....	D	9.50	: 10.00	Methyl Cinnamate, 1 lb bot.....	D	3.50	: 3.75				
Cinnamic Aldehyde.....	D	3.50	: 3.75	Methyl Heptenone, 1 lb bot.....	D	8.00	: 8.25				
CITRONELLOL, 1 lb bot.....	D	9.00	: 11.00	Methyl Paracresol, 1 lb bot.....	D	8.00	: 9.00				
Imported, 1 lb bot.....	D	10.00	: 12.00	Methyl Phenylacetate, 5 lb bot. dom. D		3.75	: 4.00				
Citronellyl Acetate, 1 lb bot.....	D	13.00	: 14.00	METHYL SALICYLATE, USP 500 lb							
COUMARIN, 25 lb cans.....	D	3.25	: 3.45	drums.....	D	..	: .45				
DIETHYL PHTHALATE, 25 lb cans D		.40	: .45	50 lb cases.....	D	..	: .47				
1000 lb drs.....	D	.35	: .40	Second Hands.....	D	.44	: .45				
Diphenyl oxide, 25 lb tins.....	D	.85	: .90	Mirbane, rect., 1000 lb drums.....	D	.12 1/4	: .14				
Ethyl Acetate, pure, 5 lb bot.....	D	.45	: .50	Musk Ambrette, 1 lb cans.....	D	12.00	: 13.00				
Ethyl Benzoate, 5 lb bot.....	D	1.85	: 2.00	Musk Ketone, 1 lb cans.....	D	15.00	: 16.00				
Ethyl Butyrate, 5 lb bot.....	D	1.75	: 2.00	Musk Xylene, 5 lb cans.....	D	3.75	: 3.90				
Ethyl Caproate, 1 lb bot.....	D	3.25	: 3.50	Nerolin, 1 lb cans.....	D	1.65	: 2.00				
Ethyl Cinnamate, 1 lb bot.....	D	3.50	: 3.75	Onanthic Ether, 1 lb bot.....	D	1.50	: 2.00				
Ethyl Formate, 5 lb bot.....	D	2.00	: 2.10	Phenylacetaldehyde, Dom.,							
Ethyl Methyl Paracresol, 1 lb bot. D		3.25	: 3.50	1 lb. bot. 50 p.e.....	D	8.00	: 8.50				
Ethyl Phenylacetate, 5 lb bot.....	D	3.75	: 4.00	Imported, 50 p.e.....	D	7.50	: 8.00				
Ethyl Propionate, 1 lb bot.....	D	2.25	: 2.50	80-85 p.e.....	D	14.00	: 16.00				
Ethyl Valerate, 5 lb bot.....	D	4.50	: 4.75	Phenylacetic Acid, 1 lb bot.....	D	3.00	: 3.25				
Ethyl Salicylate, 5 lb bot.....	D	3.25	: 3.50	Phenyl Diacetate, 1 oz. bot.....	cs	3.25	: 3.50				
Formic Ether, See Ethyl Formate				PHENYLETHYLALCOHOL dom.,							
Geranyl Acetate, 1 lb bot.....	D	5.00	: 5.50	1 lb bot.....	D	8.00	: 10.00				
Geranyl Butyrate, 1 lb bot.....	D	13.00	: 13.50	Imported.....	D	7.00	: 7.75				
Geranyl Formate, 1 lb bot.....	D	12.00	: 12.50	Phenylethyl Butyrate, 1 lb bot.....	D	26.00	: 28.00				
Heliotropin, dom., 100-10 lb.....	D	1.85	: 2.00	Phenylethyl Formate, 1 lb bot.....	D	19.00	: 21.00				
Imported.....	D	2.25	: 2.50	Phenylethyl Propionate, 1 lb bot.....	D	20.00	: 24.00				
Hydroxycitronellal, 1 lb bot.....	D	12.00	: 14.00	Phenylethyl Valerate, 1 lb bot.....	D	25.00	: 29.00				
Indol, CP, 1 oz. bot.....	cs	6.00	: 6.50	Phenylpropylalcohol, 1 lb bot.....	D	15.00	: 16.00				
Ionone, 1 lb bot. 100%.....	D	10.00	: 11.00								
Alpha.....	D	14.50	: 16.00								
Beta.....	D	12.75	: 14.50								
Methyl.....	D	16.00	: 18.00								



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ALBUMEN—33 cs., D. L. Moss & Co., Shanghai; 56 cs., Amer. Exch. Nat. Bk., Tientsin; 54 cs., Habicht Braun & Co., Hankow; 112 cs., Order, Rotterdam
ALCOHOL—Amyl, 2 bbls., Order, Hamburg; Denatured, 160 bbls., C. Esteve, Arcibo
AMMONIUM—Carbonate, 19 cks., Jungmann & Co., Hamburg; 15 bbls., Order, Liverpool; 24 cks., Lo Curto & Funk, London; Muriate, 80 cks., Kuttroff Pickhardt & Co., Rotterdam; Nitrate, 198 cks., Order, Hamburg
ANTIMONY—Sulfuret, 7 cks., Order, London
ARGOLS—30 csk., Royal Bkg. Powder Co., Leghorn; 21 cks., Tartar Chem. Wks., Naples; 698 bgs., C. Pfizer & Co., Rotterdam
BALSAM—Copaiba, 21 cs., A. A. Stilwell & Co., London
BARIUM—Chloride, 52 bbls., Mech. & Metals Nat. Bk., Hamburg; 81 cks., Goldschmidt Corp., Rotterdam; Nitrate, 10 cs., Order, Hamburg
BARKS—28 pgs., Cohen & Co., Nassau; Canella, 4 bla., Cohen & Co., Nassau; Cinchona, 16 bls., S. B. Penick & Co., London; 25 bls., S. B. Penick & Co., Rotterdam; 41 bls., Peek & Velsor, Rotterdam; Dogwood, 5 bla., Cohen & Co., Nassau
BARYTES—100 bgs., Mech. & Metals Nat.

Bk., Hamburg; 500,000 kilos, Ore & Chem. Corp., Rotterdam; 30 cks., A. Hurst & Co., Hamburg
BERRIES—Cubebs, 18 bgs., Nat. City Bank, Singapore; Juniper, 25 bgs., Order, Leghorn; 50 bgs., Order, Hamburg
CAMPOR—100 cs., F. A. Cundill & Co., Shanghai; 45 cs., Order, Hamburg
CINCHONINE—10 cs., R. W. Greeff & Co., Rotterdam; 1 cse., Order, Rotterdam
COAL TAR—Distillate, 236 drs., Order, Liverpool
COCHINEAL—29 bgs., Lanman & Kemp, Liverpool
COLORS—24 drs., Amer. Aniline Co., London; 14 cs., M. Grimwucher, London; 8 cks., Amer. Exch. Nat. Bk., Southampton; 26 cks., Internat'l Merc. Marine Co., Southampton; 10 cks., Sherwin Williams Co., Southampton; 16 cks., Kuttroff Pickhardt & Co., Rotterdam; 2 cks., H. A. Metz & Co., Rotterdam; 145 cks., 2 cs., Grasselli Dyestuff Corp., Rotterdam; 144 pgs., Ciba Co., Havre; 25 cks., Geigy Co., Havre; 5 cks., Carbic Color & Chem. Co., Havre; 81 pgs., Sandoz Chem. Wks., Havre; 5 cks., Amer. Aniline Products Inc., Hamburg; 10 cks., Kuttroff Pickhardt & Co., Hamburg; 2 cks., Franklin Import & Export Co., Hamburg; Bronze, 11 cs., T. Riessner, Hamburg; Bronze Powder, 2 cs., Davies Turner & Co., Bremerhaven; 12 cs., B. F. Drakenfeld & Co., Bremerhaven; 11 cs., B. F. Drakenfeld & Co., Bremen; 1 cse., L. Uhlfelder & Co., Bremen; 7 cs., C. B. Richard & Co., Bremen; Coal-tar, 50 cks., H. A. Metz & Co., Rotterdam; Earth, 27 cks., C. J. Osborn Co., Hamburg
COPRA—16 bgs., Franklin Baker Co., San Juan; 625 bgs., Franklin Baker Co., Trini-

dad; 253 bgs., Atlantic Navigation Corp., Port Antonio
CYANURE—16 cs., Intern. Bkg. Co., Alexandria
DEXTRINE—250 bgs., Stein Hall & Co., Copenhagen
EMERY—3 bbls., D. H. Burdett Inc., London
ERGOT—Rye, 13 bgs., Parke Davis & Co., Vigo; 14 bgs., Order, Hamburg
FLOWERS—Insect, 25 bls., First Natl. Bk., Minn., Trieste
CALLNUTS—57 cs., Zinasser & Co., Shanghai; 118 cs., Determann & Co., Hankow
GELATINE—53 bbls., H. A. Sinclair, Rotterdam
GLAUBER SALT—125 bbls., Innis Speiden & Co., Hamburg; 100 bgs., Order, Rotterdam
GLUE—10 cks., Duplan Silk Co., Genoa; 12 bbls., Order, London; 268 bgs., T. D. Downing & Co., Rotterdam; 500 bgs., Globe Shpg. Co., Hamburg; 100 bgs., Order, Hamburg
GLUESTOCK—126 bls., Order, Genoa
GLYCERIN—139 drs., Marx & Rawolle, London; 20 drs., Order, Marseilles; 40 cks., Order, Bordeaux
GUMS—5 cs., G. Gonzalez, Alexandria; 15 cs., 5 bgs., Brown Bros. & Co., Singapore; 10 bgs., Nat. City Bk., Singapore; 20 bgs., Order, Bordeaux; 20 bgs., Order, Bordeaux; Acroides, 8 bgs., Order, Hamburg; Chiclé, 466 kgs., Chiclé Dev. Co., Vera Cruz; Copal, 13 bgs., S. Winterbourn & Co., London; 50 cs., Equit. Trust Co., Singapore; Damar, 105 bgs., Goschen & Cunliffe, Singapore; Manila, 143 cks., Chartered Bk. of India, Australia & China, Manila; Mastic, 10 cs., Stamoulis, Piraeus; 10 cs., Demosthene, Piraeus; Shirez, 150 bgs., Guaranty Trust Co., London; Tragacanth, 25 bgs., Order,

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IRON OXIDE—49 cks., Reichard Coulston Inc., Liverpool; 17 cks., J. A. McNulty, Liverpool; 20 cks., Order, Liverpool; 100 bbls., E. M. & F. Waldo, Malaga; 100 bbls., Order, Malaga
INSECTICIDE—18 cs., W. Brans, Rotterdam
INTERMEDIATES—5 cks., Equit Trust Co., Rotterdam; 40 cks., Kuttroff Pickhardt & Co., Rotterdam; 38 cks., Grasselli Dyestuff Corp., Rotterdam
LANOLIN—5 bbls., C. Tennant Sons & Co., Liverpool
LEAVES—23 bls., Order, Marseilles; 68 bls., Order, Alexandria; **Henna**, 85 bgs., Brown Bros. & Co., Alexandria; **Laurel**, 83 bls., Order, Leghorn; 40 bls., Order, Leghorn; **Sage**, 20 bls., Brown Bros. & Co., Trieste; **Stramonium**, 21 bls., Order, Leghorn; **Patchouli**, 34 bls., Order, Penang
LEAD-Acetate, 32 cks., Jungmann & Co., Hamburg
LICORICE—25 cs., Order, Alexandria; **Paste**, 250 cs., H. Utard, Smyrna
LIME-Chlorinated, 50 cs., H. Kohnstamm & Co., Liverpool
MENTHOL—5 cs., McKesson & Robbins, London
MERCURY—40 flasks, Poillon & Poirier, Vera Cruz; **Oxide**, 4 cs., Lo Curto & Funk, London
MINERAL WHITE—100 bgs., Whittaker Clarke & Daniels, Hull; 369 bgs., Hammill & Gillespie Inc., Hull
OILS—350 cs., E. La Montagne Sons, Bordeaux; **Cod**, 200 bbls., R. Badcock, Hull; 250 bbls., J. D. Irwin & Co., Hull; **Codliver**, 5 drs., Baldwin Shpg. Co., Copenhagen; **Colza**, 20 cks., Amer. Exp. Co., Havre; **Cottenseed**, 80 drs., Amer. Hawaiian S. S. Co., Hull; **Creosote**, 7,126 tons, Order, Antwerp; **Haarlem**, 10 cs., Kronfeld Saunders & Co., Rotterdam; **Linseed**, 60 bbls., Order, Hull; **Nut**, 288 cks., Amer. Shpg. Co., Bordeaux; **Palm**, 241 cks., African & Eastern Trdg. Co., Liverpool; 40 cks., Guaranty Trust Co., Liverpool; 236 cks., 100 bbls., 79 cks.,

Order, Liverpool; 162 cks., D. Bacon, Liverpool; 28 cks., Order, Liverpool; **Peanut**, 5 bbls., Lamont Corliss & Co., Rotterdam; **Rape**, 315 bbls., J. C. Francesconi, Hull; 770 bbls., Order, Hull; **Soya Bean**, 5 drs., Amer. Hawaiian S. S. Co., Hull; **Wood**, 147 bbls., Cook & Swan Co., Hankow; 144 cks., G. W. S. Patterson & Co., Hankow; 200 drs., Standard Bk. of So. Africa, Hongkong; 5 drs., Equit. Trust Co., Hongkong

OILS, ESSENTIAL—7 cs., Dodge & Olcott Co., London; 13 bbls., Ellermans Wilson Line, Hull; 8 cks., Order, Alexandria; 40 cs., Brown Bros. & Co., Messina; 12 cs., 2 bbls., Polaks Frutal Wks., Inc., Rotterdam; 12 cks., J. McNulty, Havre; 67 cks., Goldman Sachs & Co., Hamburg; **Bay**, 11 cs., G. Lueders & Co., Arroyo; **Bergamot**, 50 cs., G. Lueders & Co., Messina; **Camphor**, 56 drs., F. Whitaker Co., Shanghai; 36 drs., Seral Trdg. Corp., Shanghai; **Caraway**, 2 cs., Dodge & Olcott, Rotterdam; **Fusel**, 4 cks., Irving Bk., Hamburg; 5 drs., East River Nat. Bk., Hamburg; 8 bbls., Schenkers Inc., Hamburg; 6 cks., Order, Hamburg; 34 drs., Order, Venice; **Juniper Berry**, 2 cs., Millburn Co., London; **Lavender**, 10 cks., Order, Marseilles; **Lemon**, 100 cs., G. Lueders & Co., Messina; 50 cs., Order, Messina; **Orange**, 25 cs., Order, Messina; 20 cs., Colonial Bk., Kingston; 20 cs., Order, Kingston; **Patchouli**, 19 cs., Nat. City Bk., Singapore

OXIDE—3 cks., L. H. Butcher & Co., Hull
PALMYRA FIBER—10 bls., Order, London

POTASSIUM SALTS—30 tbls., Order, Hamburg; **Alum**, 32 cks., J. Munroe & Co., Hamburg; **Caustic**, 67 drs., Superfos Co., Hamburg; 409 drs., A. Klipstein & Co., Hamburg; 140 drs., Phila. Nat. Bk., Hamburg; 188 drs., Amermann & Patterson, Hamburg; **Chlorate**, 500 cks., Irving Bk., Hamburg; 250 cks., Monmouth Chem. Corp., Hamburg; **Muriate**, 100 bgs., Potash Impig. Corp., Bremerhaven; 2,500 bgs., Potash Impig. Corp. of Amer., Bremen; **Nitrate**, 1,010 bgs., Order, Hamburg; 180 cks., Order, Rotterdam; **Permanganate**, 40 drs., Order, Hamburg; **Prussiate**, 18 cs., Roessler & Hsslachner Chem. Co., Hamburg
PYRIDINE—6 drs., East River Nat. Bk., Hamburg; 3 drs., R. W. Greeff & Co.,

Hamburg; 5 drs., Order, Hamburg; 4 drs., Order, Rotterdam

QUICKSILVER—31 flasks, Haas Bros., Tampico; 56 bottles, Order, London; 50 bottles, H. W. Peabody & Co., London; 100 bottles, A. Pickering & Co., London; 100 bottles, Leghorn Trdg. Co., London; 194 bottles, H. W. Peabody & Co., London

QUININE—2 cs., R. W. Greeff & Co., Rotterdam; 25 cs., Order, Rotterdam; **Sulfate**, 11 cs., Order, Genoa

RESIN—200 cs., Order, Piraeus

ROCHELLE SALTS—33 bbls., Order, Rotterdam; 10 cks., A. J. Marcus, Hamburg

ROOT—10 bgs., Chem. Nat. Bk., Hamburg; 20 bls., Order, Bremerhaven; 20 bls., Order, Bremen; **Aconite**, 9 bgs., Order, Leghorn;

Broom, 20 pks., Order, Vera Cruz; **Dandelion**, 44 bgs., First Nat. Bk., Minn., London; 43 bgs., Amer. Exp. Co., London; 88 bgs., Murray Nickel Mfg. Co., London; 50 bgs., McLaughlin Gormley & King Co., Hamburg;

9 bgs., Order, Hamburg; **Ipecac**, 8 bls., Amsinck Sonne & Co., Bahia; 8 bls., Order, Bahia; **Licorice**, 34 cks., Order, Smyrna;

Orris, 151 bgs., Brown Bros. & Co., Leghorn; 139 bgs., 5 cs., Order, Leghorn; 35 bls., Order, Leghorn; **Sarsaparilla**, 50 bls., D. L. Bretzfelder, Tampico

SALTPETER—300 bgs., Kuttroff Pickhardt & Co., Hamburg

SEEDS—Anise, 100 bgs., Order, Malaga; **Caraway**, 236 bgs., N. Tappenbeck, Rotterdam; 200 bgs., A. Dickinson, Rotterdam;

200 bgs., J. D. Nordlinger, Rotterdam; 2,100 bgs., Order, Bordeaux; **Caraway**, 200 bls., R. I. Sassoon & Co., Rotterdam; **Castor**, 1,700 bgs., Order, Pernambuco; 4,500 bgs., Seaboard Nat. Bk., Pernambuco; 1,000 bgs., Order, Pernambuco; **Fenugreek**, 50 bgs., Order, Bordeaux; **Mustard**, 422 bgs., Judson Freight Fwdg. Co., Hamburg; 300 bgs., Catz Amer. Co., Rotterdam; 50 bls., C. E. Armstrong Inc., Rotterdam; 20 bgs., Knickerbocker Mills Co., Rotterdam; 200 bgs., Nat. Park Bk., Rotterdam; 150 bgs., Miltenberg Bros., Rotterdam; 100 bgs., A. Joensson & Co., Rotterdam; **Poppy**, 400 bgs., Catz Amer. Co., Rotterdam; 300 bls., 300 bgs., Levy & Lewis Inc., Rotterdam; 900 bgs., Archibald & Lewis Co., Rotterdam; 300 bls., Sokol Co., Rotterdam; 200 bgs., French Kreme Co.,



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SHELLAC—31 cs., Order, London; 6 bgs., Order, Singapore; 200 cs., Order, London; 9 cs., C. F. Gerlach, Rotterdam; 150 bgs., Ralli Bros., Hamburg

SODIUM SALTS—150 cs., Order, Liverpool; Chlorate, 500 cks., Monmouth Chem. Corp., Hamburg; Cyanide, 475 cs., Roessler & Hasslacher Chem. Co., Hamburg; Fluoride, 167 cks., Jungmann & Co., Hamburg; Prussiate, 41 cks., Order, Liverpool; 15 cks., Order, Rotterdam; Silico Fluoride, 21 cks., Winter Wolf & Co., Hamburg; 50 bgs., Order, Hamburg; 186 bbls., Order, Copenhagen; Sulfide, 10 cks., N. Y. & Hanseatic Corp., Hamburg; Sulfate, 194 drs., C. S. Grant & Co., Hamburg

STRONTIUM SULFIDE—3 cs., A. Klipstein & Co., Hamburg

SUMAC—700 bgs., First Nat. Bk., Palermo; 700 bgs., J. S. Young & Co., Palermo; 700 bgs., N. Y. Trust Co., Palermo; 350 bgs., 100 bbls., Order, Palermo; 350 bgs., Irving Bk., Palermo; 700 bgs., J. S. Young & Co., Palermo; 700 bgs., Order, Palermo

TALC—250 bgs., Nat. City Bk., Genoa; 200 bgs., Whitaker Clark & Daniels, Bordeaux; 594 bgs., C. B. Chrystal Co., Bordeaux; 200 bgs., C. Mathieu, Genoa

TARTAR—518 bgs., Harshaw Fuller & Goodwin, Marseilles; 250 bgs., H. J. Kehoe, Marseilles; 96 bgs., Royal Bkg. Powder Co., Marseilles; 180 bgs., Tartar Chem. Wks., Valencia; 170 bgs., Royal Bkg. Powder Co., Valencia; 487 bgs., Amer. Exp. Co., Bordeaux; Cream, 25 kgs., C. L. Huisling Inc., Genoa

TETRACHLORETHANE—83 drs., Roessler & Hasslacher Chem. Co., Hamburg

UMBER—21 cks., L. H. Butcher & Co., Hull

VALONIA—Beards, 1,600 bgs., A. Benedava, Piraeus

VIROL—16 cs., G. C. Cook Co., London

WAX—22 bgs., Bk. of Amer., Alexandria; 32 bgs., Order, Alexandria; Bees, 20 cs., Order, St. Nazaire; 12 bbls., D. Steengrafe, Rio de Janeiro; 75 bgs., Amer. Trdg. Co., Rio de Janeiro; 10 bbls., Order, Rotterdam; 17 bgs., J. J. Julia & Co., Santo Domingo City; 5 bgs., Curacao Trdg. Co., Santo Domingo City; 5 bgs., Cordillera Comm. Co., Puerto Plata; 50 cs., Bergstrom Stove Co., Hamburg; Carnauba, 160 bgs., Nat. City Bk., Ceara; 335 bgs., Order, Ceara; 224 bgs., Order, Pernambuco; Montan, 400 bgs., Strohmeyer & Arpe Co., Hamburg; Spermaceti, 100 cs., Order, London

WOODFLOUR—1,500 bgs., B. L. Soberski, Christiania

WOOL GREASE—100 bbls., Pfaltz & Bauer, Bremerhaven; 100 bbls., Mardon Wild Corp., Hull; 118 bbls., Amer. Hawaiian S. S. Co., Hull; 116 bbls., Order, London

ZINC—Oxide, 200 bbls., Order, Marseilles; 228 bbls., C. J. Osborn Co., Malaga; 200 bbls., L. Scott Libby Corp., Malaga; 75 bbls., Order, Marseilles; 90 cks., R. W. Greeff & Co., Hamburg

IMPORTS AT BOSTON

Nov. 8 to 15

EXTRACTS—6 cases, Gustav Martin, Glasgow
OIL—Cod, 350 casks, Marden Wild Corp., St. Johns; 200 casks, James S. Bent & Co., St. Johns

SHELLAC—53 bgs., Order, Calcutta

ZINC—25 bbls., Order, Far East

IMPORTS AT PHILADELPHIA

Nov. 5 to 12

AMMONIUM—Muriate, 395 casks, Order, Rotterdam; Nitrate, 228 casks, Order, Hamburg

CHINA CLAY—5,398 tons, 17 cwt., various consignees, Fowey

FUSEL OIL—2 casks, Universal Oil Products Co., London

GLAUBER'S SALT—123 bbls., Order, Hamburg; 509 bags, Order, Hamburg

GLUE—240 bags, Order, Genoa

GLYCERIN—Crude, 699 drums, Order, Liverpool; 40 drums, Order, Rotterdam; Refined, 249 drums, Hercules Powder Co., Liverpool

GUMS—Copal, 50 bags, John H. Faunce, Liverpool

MAGNESIUM BROMIDE—50 cases, Equitable Trust Co., Hamburg

OILS—Palm Kernel, 150 bbls., Order, Hull; Rape, 225 lbs., Order, Hull

POTASSIUM—Caustic, 40 drums, Am. Exch. Bank, Hamburg; 100 drums, R. & H. Chem. Co., Hamburg; Nitrate, 67 casks, Hamburg; 77 casks, Order, Hamburg; 80 casks, Order, Rotterdam

PYRIDINE—13 drums, Order, Rotterdam

ROOT—Licorice, 9,205 bales, McAndrews & Forbes Co., Smyrna; 5,325 bales, McAndrews & Forbes Co., Killini

SODIUM—Bromide, 50 cases, Order, Hamburg; Cyanide, 100 drums, Park Chemical Co., Liverpool; Nitrate, 109,133 bags, Wessel, Duval & Co., Iquique

IMPORTS AT BALTIMORE

Nov. 6 to 13

CHALK—Washed, 200 bags, 44,000 lbs., William H. Masson, West Haven, Antwerp

CLAY—250 casks, F. H. Shallus, Nienburg, Bremen

FLAX WASTE—66 bales, Hugh Fawcett, New York, Rensselaer, Liverpool

OXALIC ACID—20 cases, Roessler & Hasslacher Chemical Co., New York, West Haven, Rotterdam

PEPPER—Black, 250 bags, 26,866 lbs., to order, Antiochia, Hamburg; Red, 1,021 bags, McCormick & Co., Bolivian, Liverpool

POTASH—Chlorate, 500 boxes, Charles Hardy, Inc., New York, Schodack, Havre; Manure Salt, 2,018,201 lbs., Potash Importing Corp., Nienburg, Bremen

SALTS—200 sacks, W. A. Hazzard & Co., New York, Rensselaer, Liverpool

SEED—Mustard, 25 bags, Parrish Bros., West Haven, Rotterdam; Poppy, 100 bags, McCormick & Co., West Haven, Rotterdam; Rape, 200 bags, F. H. Shallus Co., Antiochia, Hamburg

TAPIOCA FLOUR—755 bags, Samuel Shapiro, Virgilia, London

IMPORTS AT NEW ORLEANS

Nov. 8 to 15

CHICLE—2,118 bales, Progresso

CREOSOTE—3,953 tons, Manchester

FULLER'S EARTH—3,850 sacks, London

OLIVE OIL—121 cases, Marseilles

OCCHRE—273 cases, Marseilles

WOOD PULP—720 bales, Scandinavia

IMPORTS AT SAN FRANCISCO

Nov. 1 to 8

CHINA CLAY—958.29 tons, Balfour Guthrie & Co., Fowey

UMBER—15 casks, L. R. Butcher & Co., Manchester

HOOVER REVIEWS BUSINESS SITUATION

(Special to DRUG & CHEMICAL MARKETS)

Washington, D. C., Nov. 19.—In a review of business conditions for the year ending June 30, 1924, made public at the Department of Commerce on Monday, Secretary Hoover says: "The outstanding features of the fiscal year were: First, the advance in agricultural prices, which had hitherto lagged behind industry since the slump of 1920; second, the beginnings of sound policies in German reparations leading to a hopeful measure of economic recovery in Europe; and third, the complete

recovery of our own industry and commerce (aside from agriculture), great stability of prices, high production, full employment, expanding foreign trade and prosperity throughout the business world. There were some moderate decreases in activity in some lines during the latter part of the fiscal year, but since its close there has again been general recovery in those lines."

The review, which will later be incorporated in the annual report of the Secretary of Commerce, is headed "Economic Progress."

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Highest quality. Available for immediate shipment in tank cars or drums at a price no higher than material of inferior quality.

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Manufactured by
Witbeck Chemical Corporation
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Zinc Stearate—Zinc Oxide—Filter Paper
Stearic Acid—Rice Starch—Waxes
Gums, Etc.
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Amyl Ethyl Butyl
IODIDES
Potassium Sodium Ammonium
Manufactured by
Witbeck Chemical Corporation
ALBANY NEW YORK

DEPENDABLE SERVICE
Benner Chemical Company
208 South La Salle Street, Chicago, Ill.
Soda Ash, Caustic Soda, Neutral
Soda, Washing Soda, Cleanser and
Cleanser, Bicarbonate of Soda,
Tri Sodium Phosphate, Oxalic
Acid.
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Liquid Chlorine—Caustic Soda—Soda Ash
Bleaching Powder—Anhydrous Ammonia
Modified Virginia Soda—Bicarbonate of Soda

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Modified Virginia Soda—Bicarbonate of Soda

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Brimstone	Butyl Alcohol
Sulphur	Refined Fuel Oils
Saltpetre (Potassium Nitrate)	Ether
Sodium Nitrate	Alum (Aluminum Sulphate)
Potassium Chloride	Turpentine
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Butyl Acetate	

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Penn. Chemical Works
Lye
Atlantic Carbonic Co.
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Sulphur
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Your source of supply on
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Liquid Chlorine-Caustic Soda-Soda Ash
Bleaching Powder-Anhydrous Ammonia
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CHEMICALS
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 Three inches, \$75, three months

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Rate—All classifications, \$1.00 an issue for 20 words or less, additional words, 5c each, per issue.

Payment—Must accompany order, add 10c if replies are to be forwarded.

Address "Wants & Offers"
DRUG & CHEMICAL MARKETS
3 Park Place, New York.

BUSINESS OPPORTUNITIES

ADVERTISER WITH COMPLETE LINE of good selling formulas for perfumery bases desires a partner who has had several years experience as a successful perfumery salesman. Address Box 229, DRUG & CHEMICAL MARKETS.

EXPORT, ARGENTINE REPUBLIC—Argentinian who has resided for several years in the U. S. is returning to Buenos Aires, to open office as Direct Factory Representative, and would like to connect himself with reliable and progressive manufacturers of chemicals for the sugar industry. Reference, etc. R. Suite 419, 45 E. 17th St., New York City.

WANTED—Established line of essential oils and aromatic chemicals by capable and experienced representative for Midwest territory. Headquarters in Chicago with facilities for carrying stock. Box 216, DRUG & CHEMICAL MARKETS.

ONE STORY NEW BRICK BUILDING in Bronx, corner, 100 x 100 semi-fireproof, 10,000 square feet, six skylights, exceptionally light, steam heat, hot water supply, three blocks from subway station, sale or lease, good terms. Box 55, Station A, New York.

BUYING SERVICE, Practical technical expert in the buying industry considers opening a buying office for mills in Boston January 1925 and will be able to receive the inquiries of firms interested in securing through him an expert buying service on dyestuffs, colors, soaps, oils, etc. Can be demonstrated that such a service will save money for any medium sized mill. Box 217, DRUG & CHEMICAL MARKETS.

FOR RENT—Office space on John Street, New York, with telephone and stenographic service. Room sufficient for two desks. Box 218, DRUG & CHEMICAL MARKETS.

WANTED TO BUY—A small plant between New York and Philadelphia, suitable for the manufacture of cosmetics. Must be close to a railroad siding but not absolutely necessary—although desirable. Fire-proof construction and at least 4,000 square feet. Box 219, DRUG & CHEMICAL MARKETS.

NEWLY FORMED CHEMICAL CORPORATION whose members have had many years experience in the selling of chemicals and allied products to the consuming trade, is interested in making arrangements to represent reliable concerns interested in having New York representatives. Box 211, DRUG & CHEMICAL MARKETS.

BUSINESS OPPORTUNITIES

RELIABLE CHEMICAL HOUSE in Hamburg wishes to have well introduced agents in all American towns for the sale of heavy chemicals to importers and consumers. Offers to Box 226, DRUG & CHEMICAL MARKETS.

SITUATIONS WANTED

PURCHASING AGENT—Man thoroughly familiar with drugs, chemicals, oils, botanicals, pharmaceuticals, allied lines; well acquainted, nine years experience, desires responsible position. Box 195, DRUG & CHEMICAL MARKETS.

SALESMAN—Experienced in Fatty Oils, four years with present employers, seeks new connection the first of the year in New York. Box 221, DRUG & CHEMICAL MARKETS.

DETAIL MAN—With medical degree and five years experience in this work, favorably known to dental profession in New York and New England, open for engagement with a thoroughly reputable and established house in this line. Box 222, DRUG & CHEMICAL MARKETS.

HEAVY CHEMICALS—A hard working salesman—32 years old, married, handled industrial chemicals for eight years, five years with one house, wants to connect with manufacturer. Willing to go anywhere and travel. Box 224, DRUG & CHEMICAL MARKETS.

TOILET PREPARATION SALESMAN with successful record with big houses and trade seeks responsible position in charge of Sales Department of perfumery or toilet goods house. Has splendid record for developing sales; able to handle mail and advertising matter; has had charge of salesmen and demonstrators. Thoroughly capable of filling position as Sales Manager in this line. Box 225, DRUG & CHEMICAL MARKETS.

WANTED—Position as superintendent of Beaming, slashing and drawing in by thoroughly practical man. Box 210, DRUG & CHEMICAL MARKETS.

CHEMIST—Practical experience in the manufacture of Saccharine, Benzoic Acid, Benzoate, Acetylsalicylic Acid, Bismuth Salts, Bromsalts, Potassium Permanganate, Potassium Chlorate, Alkali-Electrolysis, Chlorproducts is looking for a change. Box 201, DRUG & CHEMICAL MARKETS.

SITUATIONS WANTED

MANAGER-SALESMAN—At present time in complete charge of heavy chemical division of well known house, would consider proposition of merit from reputable firm. Writer thoroughly conversant in the buying and selling of chemicals, desires change because present connection offers too limited prospects. Box 190, DRUG & CHEMICAL MARKETS.

DRUG SPECIALTY EXECUTIVE—Young man, graduate chemist, long practical experience in manufacturing proprietaries and cosmetics. Experience includes perfecting formulae, laying out manufacturing processes, cost systems, purchasing, stock records, etc. Thoroughly conversant with prices, sources of supplies of raw materials and manufacturing processes. Box 208, DRUG & CHEMICAL MARKETS.

HELP WANTED

WANTED—Dye salesman with established clientele to call on consuming and jobbing trade in the Metropolitan District and Philadelphia. Excellent opportunity for right man. Address with full particulars to B S Box 227, DRUG & CHEMICAL MARKETS.

WANTED—Salesman having had experience in the selling of Bakelite. Box 209, DRUG & CHEMICAL MARKETS.

SALESMAN—Familiar with Naval Stores trade wanted to travel Pennsylvania for an established agency. Full particulars in first letter. Box 220, DRUG & CHEMICAL MARKETS.

OFFICE MANAGER & CORRESPONDENT—Familiar with the drug and pharmaceutical trades wanted to take charge of a small office and handle sales correspondence as assistant to the Sales Manager. Advertising experience desirable. Box 223, DRUG & CHEMICAL MARKETS.

GLYCEROPHOSPHATES—Chemist familiar with details of large scale manufacture wanted. Give full details in first letter. Box 206, DRUG & CHEMICAL MARKETS.

FERTILIZERS—Manufacturer seeks services of trained agronomist, with business experience, who can take charge of fertilizer sales promotion and advertising in Southern (cotton) States. Apply with full particulars to Box 197, DRUG & CHEMICAL MARKETS.

Chemical Plant Financing

We are specialists in reorganizing and refinancing going chemical manufacturing properties; but we do not handle the promotion of new companies or new inventions and all business handled must be subject to rigid investigation.

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HOSPITAL SALESMEN—Exceptional proposition on necessary hospital products. Jurmen are landing real orders. Write immediately. Buffalo Scientific Co., 617 Main St., Buffalo, N. Y.

SALES AGENT—Who is calling on consumers, wanted to handle small quantities of Magnesium Carbonate and Milk of Magnesia. Box 193, DRUG & CHEMICAL MARKETS.

A MAN who controls the job you want is most apt to be a regular reader of this column. For real positions in the chemical, drug, dye, oil and allied fields no medium brings better results than these Wants and Offers—5c a word.

DRUGS AND CHEMICALS

WANTED CHEMICALS: Carloads Soda Ash, Bicarbonate Soda and Salt Cake in any condition. The following in powdered form and of good quality: Ton lots African Ginger and Areca Nuts; car lots Copperas, Glauber Salt and Tobacco. Send samples with prices to—Globe Chemical Company, Cincinnati, Ohio.

FOR SALE: Prussian Blue to close out lot, Powdered and Lump, packed in barrels, 28c per lb. F.O.B. New York. Pacific Chemical Co. 68 Cliff St., New York.

COCOA BUTTER FOOTS—A constant supply wanted on contract. Send full particulars as to quantity and price. Box 230, DRUG & CHEMICAL MARKETS.

SPECIAL BARGAIN—Parke, Davis & Co. Germicidal Soap, \$1.00 per dozen. Parke, Davis & Co. Chloretone Capsules, 5 grs. each, 75c per hundred. Lawrence Drug Co., 114 Lawrence St., Brooklyn, N. Y.

DRUGS AND CHEMICALS

CAN FURNISH Lycopodium in 100 pound lots or by ton. Also moss for nursery purposes. Quote prices and amount wanted. Box 205, DRUG & CHEMICAL MARKETS.

FOR SALE—8,000 pounds U.S.P. Sodium Salicylate containing very small percentage binder. Bargain price. Box 204, DRUG & CHEMICAL MARKETS.

WANTED—Benzoic Acid or Sodium Benzoate Technical. Submit small sample, quantity and lowest price. Box 207, DRUG & CHEMICAL MARKETS.

MENHADEN OIL WANTED for export. Samples and prices. References, Deutsche Bank. Address Hans Troeder, Hammerlandstr. 240, Hamburg 26, Germany. Cables, Trantroeder, Hamburg.

WE OFFER all or part of five casks, about three thousand pounds, of strictly high grade imported Archil Extract Paste. Box 212, DRUG & CHEMICAL MARKETS.

WE OFFER leading European and African Botanical Drugs. All codes. Cable "Amecoussema Paris". Amecoussema American Trading House, 25 Rue St. Augustin, Paris, France.

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WE WILL PAY CASH for various Laboratory equipment such as, Microscope, Small Electric Centrifuge, Ointment Machine, Pulverizing Machine, etc. Paul & Co., 230 Greenwich St., N. Y. C.

PLANT EQUIPMENT

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FOR SALE—World Labeling Machine complete with motor, one Kiefer Electric Perculator complete, motor, etc., one Kiefer Filling Machine, all in good order. The SEYLER MEDICINE COMPANY, Cincinnati, Ohio.

FOR SALE—Stokes "O" and "N" Machines, in good working condition. Both equipped with complete punch and die sets. Prices right. Walker, Corp & Co., Inc., Auburn, N. Y.

WANTED—Two Fuller-Lehigh Dreadnaughts; one direct heating (coal) Dryer; jaw crusher, gardner hammer, sling; three or four Burb Mills with emory burrs; pulleys, shafting, belting, couple of bucket elevators and couple of worm conveyors. Address M. F. Reese, 453 Title Bldg., Baltimore, Md.

WANTED TO BUY—Vertical Autoclave, Gas or Electric incubator, analytical balance. Must be in good condition, reasonable for cash. Reply details and prices. Box 3, G.P.O. Brooklyn, N. Y.

MISCELLANEOUS

LISTS WANTED—Used lists of manufacturers in any line who are consumers of chemicals. Address Box 215, DRUG & CHEMICAL MARKETS.

ASK THE Bureau of Employment of the Chemists' Club (Agency) 52 East 41st Street, New York City. If you need a chemist (man or woman) for the laboratory or works. If you wish a position for the practice of your profession. No charge to employers. Moderate fee to applicants. Prof. Herbert R. Moody, Chairman Club Committee.

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Laboratories—Ludwigshafen on Rhine

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THE NEWPORT QUALITY

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BUFFALO 4th and Jerse Sts	DETROIT Union Trust Bldg	PHILADELPHIA 141 No. Front St
CHICAGO 3652 Archer Ave.	KANSAS CITY 1409 W 10th St	PITTSBURGH Bessemer Building

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Scientific and Technical Purposes

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Branches in all principal cities

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Roessler & Hasslacher Chemical Co., The	4th cover
Rogers & McClellan	1589
Rohm & Haas Co.	1487
Rolls Chem. Co.	1590
Ross-Gould Co.	1500
Seaboard Chemical Co.	1585
Selden Co., The	1569
Sergeant Co., E. M.	1586
Solvay Process Co.	1571
Steel Drum & Barrel Co.	1514
Sterling Borax Co.	1577
Suter & Co., Eugene	1487
Thompson, Hayward & Schlueter	1589
Uhe, Geo.	1578
Ulrich Chem. Co., The	1588
Ungerer & Co.	1581
U. S. By-Products Chlorides Co.	1578
U. S. Industrial Alcohol Co.	1594
U. S. Industrial Chemical Co.	1594
Victor Chemical Works	1540
Victor & Hosken	1557
Warner Chemical Co., The	1523
Weiss & Downs	1425
White Tar Aniline Corp., The	1467
Whitelaw Bros. Chem. Co.	1589
Wing & Evans	1571
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